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ABSTRACT

Five counselors and the 513 graduates of 6 Kansas rural high schools for the period of 1981 to 1984 participated in a study designed to elicit a better understanding of counseling services in small, rural high schools and of the activities of the graduates of these schools during the first 4 years past graduation. Counselors provided the information related to themselves and the graduates. Counseling services were provided to students primarily through planned individual meetings; about one third of the time was spent on students' current academic work, and another quarter related to college plans. Females were significantly more likely than males to graduate in the top quarter of their class. In the first year following graduation 66.8% of females and 54.3% of males were in educational activities; participation in education remained higher for females over the 4 year period. Females were also less likely to stay in the hometown following graduation. Fathers' occupations affected the high school graduation rank; both parents' occupations were related to the graduates' post-high school activities. Tabular information is used throughout to display findings. An appendix provides more tables detailing the findings, the information gathering tools, and definitions. (Author/PM)

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FOLLOW-UP STUDY of KANSAS RURAL HIGH SCHOOL GRADUATES

May 1985

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RC015355

Follow-up study of Kansas rural high school graduates

Abstract

Five counselors and the 513 graduates of six Kansas rural high schools for the period of 1981 to 1984 participated in this study designed to elicit information related to counseling services in the schools and the activities of graduates during the first four post high school graduation years. Counselors provided information related to themselves and the graduates.

Counselors provided their services to students primarily through planned individual meetings with them; about a third of their time was spent on students' current academic work, and another quarter related to college plans.

Females were significantly more likely than males to graduate in the top quarter of their class. In the first year following graduation 66.8% of females and 54.3% of males were in educational activities; participation in education remained higher for females over the four year period. Females were also less likely to stay in the hometown following graduation. Fathers' occupations affected the high school graduation rank; both parents' occupations were related to the graduates' post-high school activities.

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Follow-up Study of Kansas Rural High School Graduates

Introduction

In the literature, follow-up information related to rural high school graduates is limited. The number and percentage who attend or continue to attend two-year and four-year colleges or other educational activities, continue working family operated farms or businesses, begin working in some other area, and/or get married, are not well known. This study, supported by the Mid-Continent Regional Educational Laboratory*, and conducted by the Center for Extended Services and Studies, College of Education, Kansas State University, Manhattan, was designed to obtain follow-up information for rural high school graduates in selected areas of Kansas. The high schools under study include: Copeland, Hanover, North Central, Onaga, St. George, and Westmoreland. Copeland is located in southwestern Kansas, approximately 325 miles from Manhattan; the school district at Copeland has one grade school and one high school, and has a district enrollment of 125. The last five of these schools are located in the northeastern part of Kansas, at distances of 10 to 75 miles from Manhattan. Except for St. George, these are small farming communities; St. George's high school population is primarily comprised of short-term residents. Hanover High School is one of two high schools and three elementary schools in a district with an enrollment of 448. North Central is the only high school in its district; this high school and the elementary school in the district have a combined enrollment of 205. Onaga High School is also the only high school in its district; this high school and the district's three elementary schools have an enrollment of 393. St. George and Westmoreland high schools are in the same district; along with the two elementary schools, the enrollment for this district is 577.

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*Special recognition and appreciation is given to Dr. Paul Nachtigal of MCREL. His support, encouragement and ideas provided in the planning and conducting of this study were sincerely appreciated.

Problem

The major concerns of this study are related to the amount and type of counseling received by students in small rural high schools, and to the activities of graduates from these schools in the years immediately following high school graduation. To this end, the following questions were addressed in this study.

1) How many years of experience do counselors have in their districts; what educational backgrounds do the counselors have; what percentage of the counselors' time was actually spent in counseling; what was the student:counselor ratio in each of the schools?

2) On what basis (e.g., student request, planned meetings, etc.) was counseling provided to the students; what percentage of time was spent for each of these methods of providing counseling?

3) What types of counseling are provided to students? How much of the counselors' time was spent in each type of counseling?

4) What resources do the counselors use for counseling?

5) What activities do the graduates engage in their first, second, third, and fourth years following graduation? Do these activities remain stable, or

was there a change over the four-year period?

6) How far from home do the graduates go for these activities? Do they still live with their parents, in the same locality, or in another area?

7) Are there relationships between selected personal characteristics of the graduates (high school attended, sex, rank in class, fathers' occupation, mothers' occupation, parents' residence, marriage) and the activities of the graduates?

Methodology

The procedures used in this study were designed to obtain data related to the questions identified earlier and to add to the data bank of information which may be of interest to local school districts, rural educators, state and regional educational agencies and institutions, and others concerned with rural/small schools. There were two sets of subjects in this study; procedures will be described for each.

Sample selection

The superintendents of the six rural Kansas high schools identified earlier agreed to have their counselors and graduates participate as a convenience sample for this study. The sample included the five current counselors and all graduates of the six high schools for the years 1981, 1982, 1983, and 1984. A total of 513 individuals graduated from the six high schools during this period.

Data Procurement

A questionnaire (see Appendix 1) was developed to determine the number of years the counselor had been at the school, percentage of time spent in counseling activities, methods of providing counseling, types of counseling activities, and student:counselor ratio. Also included on this questionnaire were questions regarding the educational background of each counselor, and the types of counseling resources available at each school.

A second questionnaire was developed to gain information for each high school graduate for the years 1981 through 1984. Information related to high school attended, graduation year, sex, rank in class, father's occupation, mother's occupation, parents' residence, graduates' current residence, marital status, time of marriage, activity for each year following graduation, and distance of that activity from the hometown was gathered for each graduate (see Appendix 2).

Both questionnaires were completed through personal interviews with the counselor at each school. The counselors knew what information was required for each graduate, and, prior to the interviews, had compiled much of that information by use of school records, personal knowledge of the graduates, and informal communication with individuals who knew the graduates. Additional information for some graduates was obtained via telephone calls by the counselors or interviewers. Data collection took place during Fall 1984.

Data Processing and Analysis

Data were collected and transferred from questionnaire form to computer cards and tapes at Kansas State University. Data analyses were performed using Statistical Package for the Social Sciences (SPSS) computer programs. Most of the data was nominal in nature, thus frequencies and cross-tabulations were the most commonly used statistical procedures.

Results

As described earlier, two types of information, relating to counselors and to graduates, were obtained. Findings from the two types of subjects will be presented separately. In all discussions of results, the high schools were identified as Schools A, B, C, D, E, and F.

Counselor information

Five counselors serve the six schools; one counselor divides his time between Schools C and D. The counselors have from four months to 18 years of experience in the districts they serve, with an average of 6.4 years experience. All of the counselors held at least a M.S. degree; one held a Ph.D. The amount of time the counselors spend on counseling duties ranged from 10% at School F to 100% at School A, the only school with a full-time counselor. High school enrollments range from 40 at School F to 116 at School A; thus, the student:counselor ratio varied from 116:1 at School A to 400:1 at School F. The mean student:counselor ratio was 200:1, and the median was 181:1. See Table 1 for additional information.

Table 1: Number of years of counselor experience in the district, percentage of time counseling, number of students in each high school, and student:counselor ratio in each high school.

	School						
	A	B	C	D	E	F	Ave.
Yrs.exp	8	7	18	18	0.3	5	6.5
% time	100	50	50	50	67	10	55%
Students	116	62	90	100	121	40	88
St:coun ratio	116:1	124:1	180:1	200:1	182:1	400:1	200:1

Two types of questions related to counselor activities. The first of these was about the how counseling was provided, i.e., on planned group or individual basis, upon student request, or by another method. Nearly half of the counselors' time was spent in planned individual meetings; most counselors reported meeting with each student on a regular basis. At School A, the counselor teaches classes which were primarily counseling in nature; thus, at that institution, the planned group meeting time exceeded the planned individual meeting time. Table 2 shows details about how counseling was provided.

Table 2: Format of counseling provided, by percentage of time for each.*

	School						
	A	B	C	D	E	F	Ave.
P.G.	30	10	10	10	5	20	14.2%
P.I.	20	40	60	60	50	60	48.3%
S.R.	35	45	20	20	45	20	30.8%
Other	15	5	10	10	0	0	6.7%
							100.0%

*P.G. = planned group meeting; P.I. = planned individual meeting; S.R. = student request; Other = all other.

Table 3 shows the types of counseling provided in each of the schools. Academic counseling related to current and projected high school course work comprises just over one-third of the counselors' time; another quarter of their time was spent doing college counseling, and about a fifth was spent in personal counseling. Occupational counseling comprises a smaller portion of counseling time. Counselors reported difficulty determining the amount of time spent in each area, indicating that they often did more than one type of counseling during any counseling session.

Table 3: Type of counseling provided, by percentage of time.

	School						
	A	B	C	D	E	F	Ave.
Personal	35	30	10	10	30	10	20.8%
Academic	20	30	50	50	40	25	35.8%
College	20	30	10	10	15	60	24.2%
Occupation	15	5	20	20	15	5	13.3%
Other	10	5	10	10	0	0	5.8%
							99.9%

All counselors reported using Kansas Careers* as part of their counseling materials. In addition, each counselor reported using college catalogs. Each one had a current and adequate supply of Kansas college catalogs. Although out-of-state catalogs were generally requested only when needed, many counselors had a current supply of out-of-state college catalogs as well. Half of the counselors reported using audio-visual materials frequently. Generally, the audio-visual materials on hand were filmstrips, most of which dated from the early to mid 1970s; few new audio-visual materials were readily apparent. One counselor reported renting films frequently in order to obtain current information. Brochures and books were apparent in the counseling offices; many of these were out-of-date. Materials from the federal government, e.g., financial aid forms, were current, and readily available in the schools. At least one counselor offered special sessions for students, their parents, and other interested individuals on how to complete financial aid forms.

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*The Kansas microcomputer-based career information delivery system used in 307 Kansas schools and agencies. Students are able to find Kansas occupations and training institutions which meet their personal characteristics and preferences.

Graduate information

The total of graduates for the six schools for the graduating years 1981, 1982, 1983, and 1984 was 513. The range for number of graduates was from 4 at School F in 1984 to 42 at School E in 1981; School F had the fewest graduates (43) over the four-year period, and School A had the largest number (127) over that same period. School E had the greatest decrease in number of graduates (42 to 18) between the beginning and last study years; projected graduating class sizes at that school will remain nearer the 1984 figure than the 1981 figure. Table 4 shows the number of high school graduates from each of the schools for the study years of 1981, 1982, 1983, and 1984. Appendix 4 shows the breakdown of the number of graduates by sex for each school.

Table 4: Number of graduates from each school for the study years 1981, 1982, 1983, and 1984.

				School			
	A	B	C	D	E	F	Totals
1981	36	19	18	18	42	11	144
1982	29	17	25	22	22	10	125
1983	28	16	20	26	29	18	137
1984	34	16	14	21	18	4	106
Totals	127	68	77	87	111	43	513

The graduates were divided into four groups (1st Quarter, 2nd Quarter, 3rd Quarter, and 4th Quarter) for analysis of the data by rank in class. Table 5 shows the number and percentage of males and females in each rank of the high school class. Of the 513 graduates, 252 were males and 261 were females. The data indicated that 75.9% of 1st quarter graduates were female, and 73.2% of the fourth quarter graduates were male. Also shown on Table 5 is that 39.8% of all the females graduated in the top quarter of their class, whereas only 13.1% of males graduated in the top quarter. The chi-square analysis of this table showed the results were significant at the $p <.0000$ level, with 3 df. The differences in percentages of males and females in the first and last quarters were quite consistent across schools; the percentage of females in the 1st quarter ranged from 70.6% at School A to 92.3% at School F, whereas the percentage of males in the 4th quarter ranged from 63.2% at School A to 87.5% at School B. Second quarter graduates were evenly divided between the sexes only in school C. Schools A, D, and F all have 60% males and 40% females in the second quarter; however, in Schools B and E, females outnumber males by even greater percentage differences, making the average for all schools almost evenly divided between males and females. Graduates from the 3rd quarter were almost evenly divided between males and females, except at School F, which has predominately males in the 3rd quarter. Details of differences among schools are shown in Appendix 5.

Table 5: All graduates. Sex by rank in high school class. (N and percentages: top percentages are for rows; bottom percentages are for columns)

	1st Q		2nd Q		3rd Q		4th Q		Totals	
	N	%	N	%	N	%	N	%	N	%
Males	33	13.1 24.1	60	23.8 49.6	69	27.4 52.3	90	35.7 73.2	252	49.1
Females	104	39.8 75.9	61	23.4 50.4	63	24.1 47.7	33	12.6 26.8	261	50.9
Totals	137		121		132		123		513	

chi-square 63.35 with 3 df; p = .0000

It should be noted that the number of individuals in each rank was not identical; in cases in which the number of graduates could not be divided equally among the ranks, cases were assigned to the higher rank. For some types of data, e.g., rank and sex, information was available for every graduate. For other types of data, e.g., mother's occupation, information was not available for each graduate. When information was missing, the missing cases were generally left out of the tables and out of percentage calculations. Whenever comparisons by rank were done, the missing data were much more likely to occur for graduates in the lower half of the class. In many cases, e.g., activity during the second, third, and fourth years following graduation from high school, the information was not applicable, because all graduates had not been out of high school long enough (fourth year activity, for instance, was only for 1981 graduates). Non-applicable cases were also deleted from calculations.

Overall, 9.5% of the male and 26.1% of the female graduates were married at the time of the study. Table 6 shows there were significant sex differences in marriage rates.

Table 6: All graduates. Sex by marriage rate (N and percentages).

	Not married		Married		Row totals	
	N	%	N	%	N	%
Male	219	90.1	24	9.5	243	49.2
Female	183	72.9	68	26.1	251	50.8
Column totals	402		92		494	

chi-square (corrected) 23.02 with 1 df p <.0000

There were wide variations in marriage rates by school; only 1.9% of the males at School E were married, compared to 20.0% of the males at School F. The range of females who were married varied from 14.0% at School E to 40.0% at School A. Marriage rates also varied by the rank in class; the percent of graduates married increased from the first through the third quarter: 20.7% of first quarter graduates, 27.2% of second quarter graduates, and 28.3% of third quarter graduates were married, but only 23.9% of fourth quarter graduates had married. There was no statistical differences between rank and marriage, nor between rank and time of marriage. There was no consistency among the schools about the percentage of graduates marrying. In School A, 12.1% of the first quarter and 30.3% of the fourth quarter graduates were married; in School F, 44.4% of the first quarter and 11.1% of the fourth quarter graduates were married. Appendices 6 and 7 contain school related information about marriage.

Table 7 provides information related to occupations of fathers by school; farming was the most commonly reported occupation of fathers. Overall, 40.7% of the fathers were farmers. This rate varies from 0% in School C to 66.2% in School B. School C has a much higher rate of fathers who were blue collar workers (51.9%) than do the other schools which average 28.3%. Although School C is often thought of as a bedroom community near a military base, and has more fathers in the military than do other schools, its 3.9% of military fathers can not qualify it as a military town. However, School C has a higher proportion of the fathers with occupation unknown, probably because of the short-term nature of its residents. Definitions of occupations for both parents are found in Appendix 3.

For mothers (see Table 8), farming (19.9%) and blue collar work (12.9%) were also the most commonly reported occupations. The occupations of mothers were far more likely to be unknown/unreported (40.5%) than the occupations of fathers. Just 8% of mothers were described as homemakers. The rates for both homemaking and unknown varied among the schools, and were probably

Table 7: Fathers' occupation by school

	School A		School B		School C		School D		School E		School F		Total	
Father's Occupation	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Farming	49	38.6	45	66.2	0	0.0	34	39.1	62	55.9	19	44.2	209	40.7
Blue Collar	41	32.3	13	19.1	40	51.9	26	29.9	18	16.2	7	16.3	145	28.3
White Collar	0	0.0	0	0.3	2	2.6	2	2.3	0	0.0	0	0.0	4	0.8
Mgt./Prof.	17	13.4	3	4.4	9	11.7	7	8.0	26	23.4	10	23.3	72	14.0
Military	0	0.0	0	0.0	3	3.9	1	1.1	0	0.0	0	0.0	4	0.8
Deceased	0	0.0	2	2.9	0	0.0	0	0.0	1	0.9	6	14.0	9	1.8
Retired	1	0.8	2	2.9	6	7.8	10	11.5	2	1.8	0	0.0	21	4.1
Unemployed	7	5.5	1	1.5	1	1.3	2	2.3	0	0.0	0	0.0	11	2.1
Unknown	12	9.4	2	2.9	16	20.8	5	5.7	2	1.8	1	2.3	38	7.4
	127		68		77		87		111		43		513	

Table 8: Mothers' occupation by school

Mother's Occupation	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Farming	31	24.4	23	33.8	0	0.0	3	3.4	24	21.6	21	48.8	102	19.9
Homemaking	0	0.0	2	2.9	0	0.0	0	0.0	37	33.3	2	4.7	41	8.0
Blue Collar	18	14.2	21	30.9	5	6.5	4	4.6	15	13.5	3	7.0	66	12.9
White Collar	14	11.0	7	10.3	3	3.9	7	8.0	8	7.2	1	2.3	40	7.8
Mgt./Prof.	12	9.4	6	8.8	2	2.6	9	10.3	11	9.9	3	7.0	43	8.4
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	2	1.8	0	0.0	2	0.4
Retired	2	1.6	1	1.5	1	1.3	0	0.0	0	0.0	0	0.0	4	0.8
Unemployed	3	2.4	3	4.4	0	0.0	1	1.1	0	0.0	0	0.0	7	1.4
Unknown	47	37.0	5	7.4	66	85.7	63	72.4	14	12.6	13	30.2	208	40.5
	127		68		77		87		111		43		513	

more likely to be artifacts of reporting differences among the counselors than of actual differences.

Information relating to the parents' residence (in or out-of-town) was obtained for 510 of the 513 graduates. Of these, 32.9% lived in-town, and the remaining 67.1% resided out-of-town. The vast majority of the parents from School C lived in mobile homes outside of the town, rather than on farms. In the other communities, the majority of those living out-of-town were farmers. For those living out-of-town, 56.4% of the fathers and 28.1% of the mothers were engaged in farming; for fathers the percentages varied from 0% at School C to over 85% at both Schools B and E. The second most commonly reported occupation for both fathers and mothers who lived out-of-town was blue collar employment (22.8% of the fathers and 10.2% of the mothers). For parents living in-town, the most commonly reported occupation for both parents was blue collar employment (39.3% for fathers, and 18.5% for mothers). For in-town fathers, the second most commonly reported occupation was management/professional (28.0%); for in-town mothers, the second most commonly reported occupation was white collar (15.5%), closely followed by management/professional (14.3%). (Appendices 8 and 9 show the fathers' and mothers' occupations for parents living in-town and out-of-town for each school.)

The fathers' occupation also had a relationship to the graduates' rank in class. Table 9 shows that graduates whose fathers were white collar or management/professional employees were more likely to graduate in the top half of the class. Those whose fathers were unemployed were more likely to graduate in the lower half of the class. Slightly more graduates whose fathers were farmers graduated in the top half of the class, and slightly more graduates whose fathers were blue collar workers graduated in the lower half of the class. The chi-square on this table was 54.29 with 24 degrees of freedom; $p < .0005$. There were no significant differences in rank based upon the mothers' occupation; a table showing rank and mothers' occupation is not included.

Over 63% of all graduates lived in another area; only 22.0% lived with their parents, and the remaining 11.9% lived in the hometown area, but not with their parents. Graduates in the top half of class, particularly those in the first quarter, were less likely than those in the bottom half to live with their parents, or live in the same area, following graduation. Over 78% of the first quarter graduates,

Table 9: All graduates. Rank in class by fathers' occupation. (N and percentages. Top percentages are for rows; bottom percentages are for columns)

	1st Q		2nd Q		3rd Q		4th Q		Totals	
	N	%	N	%	N	%	N	%	N	%
Farming	58	27.8 42.3	57	27.3 47.1	51	24.4 38.6	43	20.6 35.0	209	40.7
Blue collar	31	21.4 22.6	32	22.1 26.4	43	29.7 32.6	39	26.9 31.7	145	28.3
White collar	2	50.0 1.5	2	50.0 1.7	0		0		4	0.8
Mgt/prof	33	45.8 24.1	17	23.6 14.0	13	18.1 9.8	9	12.5 7.3	72	14.0
Military	2	50.0 1.5	1	25.0 0.8	1	25.0 0.8	0		4	0.8
Deceased	0		2	22.2 1.7	4	44.4 3.0	3	33.3 2.4	9	1.8
Retired	4	19.0 2.9	6	28.6 5.0	3	14.3 2.3	8	38.1 6.5	21	4.1
Unemployed	0		1	9.1 0.8	6	54.5 4.5	4	34.4 3.3	11	2.1
Unknown	7	18.4 5.1	3	7.9 2.5	11	28.9 8.3	17	44.7 13.8	38	7.4
Column totals	137	26.7	121	23.6	132	25.7	123	24.0	513	

Chi square = 54.29, with 24 df. $p < .0005$

and 71.1% of the second quarter graduates lived in another area, whereas only 48.8% of fourth quarter graduates lived in another area. Table 10 shows the significant differences in this rank and place of residence relationship.

Females were also less likely to live with their parents following graduation than were males; 28.2% of the males and 16.1% of the females lived with their parents. Females were more likely than males (70.5% verses 56.7%) to live in another area. The results shown in Table 11 show the chi-square was 13.93 with 4 degrees of freedom; $p < .01$. These results as well as those discussed in relationship to Table 10 above are believed to be related to marriage rates as well as to the activities of graduates following graduation. These activities will be discussed more fully in the following sections.

The remainder of the results relate to the activity of the graduates in the years immediately following graduation, and how far that activity was from the hometown (definitions for activities are shown in Appendix 3). Interrelationships between the activity and other variables are shown; the consistency of activities over the four-year period is discussed. Tables 12, 13, 14, and 15 show the activity of the

Table 10: All graduates. Rank in graduation class by graduates' current place of residence. (N; top percentages are for rows; bottom percentages are for columns).

	Live with parents		Live separate from parents, in same area		Live in another area		Missing information		Totals	
	N	%	N	%	N	%	N	%	N	%
1st Q	18	13.1 15.9	10	7.3 16.4	107	78.1 32.7	2	1.5 16.2	137	26.7
2nd Q	18	14.9 15.9	15	12.4 24.6	86	71.1 26.3	2	1.7 16.7	121	23.6
3rd Q	35	26.5 31.0	18	13.6 29.5	74	56.1 22.6	5	3.8 41.7	132	25.7
4th Q	42	34.1 37.2	18	14.6 29.5	60	48.8 18.3	3	2.4 25.0	123	24.0
Column totals	113	22.0	61	11.9	327	63.7	12	2.3	513	

Chi square 37.93, with 12 df, $p < .0005$

Table 11: All graduates. Sex by current residence. (N and percentages; top percentages are for rows; bottom percentages are for columns)

	Live with parents		Live separately in same area		Live in another area		Unknown		Row totals	
	N	%	N	%	N	%	N	%	N	%
Male	71	28.2	33	13.1	143	56.7	5	2.0	252	49.1
		62.8		54.1		43.7		41.7		
Female	42	16.1	28	10.7	184	70.5	7	2.7	261	50.9
		37.2		45.9		56.3		58.3		

chi square 13.93 with 4 df, p <.01

graduates by rank and sex for each of the years following graduation.

Several things are apparent in these tables. First, the number of first quarter graduates entering farming was essentially nil (0% of males and 1.9% of the females the first year following graduation); as the graduation rank decreased, the number and percentage of male graduates entering farming increased (17.4% of fourth quarter graduates the first year following graduation). The increase in the percentage of lower quarter graduates entering farming was consistent over time; the percentage of all graduates (both male and female) entering farming increased over time. The chi-square for activity by rank (36 df) was p <.0000 for each of the four years. The chi-square significance for activity by sex (12 df) was p <.0000 for the first, second, and third years, and p <.0002 for the fourth year following graduation.

Secondly, the number of graduates entering blue collar occupations increased as the rank decreased. In the first year following graduation, 18.2% of the first quarter males and 3.9% of the first quarter females were in blue collar occupations, as compared to 41.9% of fourth quarter males and 23.3% of fourth quarter females (see Table 12). By the fourth year following

Table 12: Graduates 1981, 1982, 1983 and 1984. Activity first year following graduation from high school by rank in class and by sex (N and percentages; column percentages are top left for males, top right for females; bottom percentages are for rows).

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Farming	M	0		4	*6.7* 14.8	8	*12.1* 29.6	15	*17.4* 55.6	27	11.0	
	F	2	*1.9* 28.6	2	*3.4* 28.6	3	*5.5* 42.9	0		7		2.8
Homemaking	M	0		0		0		1	*1.2* 100.0	1	0.4	
	F	5	*4.9* 33.3	2	*3.4* 13.3	3	*5.5* 20.0	5	*16.7* 33.3	15		6.1
Blue Collar	M	6	*18.2* 8.5	11	*18.3* 15.5	18	*27.3* 25.4	36	*41.9* 50.7	71	29.0	
	F	4	*3.9* 11.8	7	*11.9* 20.6	16	*29.1* 47.1	7	*23.3* 20.6	34		13.8
White Collar	M	0		0		0		1	*1.2* 100.0	1	0.4	
	F	5	*4.9* 29.4	5	*8.5* 29.4	2	*3.6* 11.8	5	*16.7* 29.4	17		6.9
Mgt/Prof	M	0		0		1	*1.5* 100.0	0		1	0.4	
	F	0		0		0		0		0		
Military	M	0		2	*3.3* 40.0	1	*1.5* 20.0	2	*2.3* 40.0	5	2.0	
	F	2	*1.9* 66.7	0		0		1	*3.3* 33.3	3		1.2
Deceased	M	0		0		0		1	*2.3* 100.0	1	0.4	
	F	0		0		0		0		0		
4 Year Coll	M	19	*57.6* 26.0	22	*36.7* 30.1	22	*33.3* 30.1	10	*11.6* 13.7	73	29.8	
	F	61	*59.2* 58.1	20	*32.2* 19.0	15	*27.3* 14.3	9	*30.0* 8.6	105		42.5
2 Year Coll	M	7	*21.2* 20.0	14	*23.3* 40.0	11	*16.7* 31.4	3	*3.5* 8.6	35	14.3	
	F	11	*10.7* 35.5	11	*18.6* 35.5	7	*12.7* 22.6	2	*6.7* 6.5	31		12.6

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Table 12, continued

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Voc Tech	M	1	*3.0* 4.8	6	*10.0* 28.6	3	*4.5* 14.3	11	*12.8* 52.4	21	8.6	
	F	7	*6.8* 46.7	7	*11.9* 46.7	1	*1.8* 6.7	0		15		6.1
Proprietary	M	0		1	*1.7* 25.0	1	*1.5* 25.0	2	*6.7* 50.0	4	1.6	
	F	5	*4.9* 35.7	3	*5.1* 21.4	6	*10.9* 42.9	0		14		5.7
Other Trng	M	0		0		0		1	*1.2* 100.0	1	0.4	
	F	0		0		0		0		0		
Unemployed	M	0		0		1	*1.5* 25.0	3	*3.5* 75.0	4	1.6	
	F	1	*9.7* 16.7	2	*3.4* 33.3	2	*3.6* 33.3	1	*3.3* 16.7	6		2.4
Totals	M	33	13.7	60	24.5	66	26.9	86	35.1	245		
	F	103	41.4	59	23.9	55	22.3	30	12.1	247		

Chi square for activity by rank 115.85 with 36 df; p $<.0000$

Chi square for activity by sex 67.72 with 12 df; p $<.0000$

Table 13: Graduates, 1981, 1982 and 1983. Activity second year following graduation from high school by rank in class and by sex (N and percentages; column percentages are top left for males and top right for females; bottom percentages are for rows).

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Farming	M	0		4	*8.3* 16.7	5	*9.6* 20.8	15	*23.8* 62.5	24	12.6	
	F	2	*2.5* 33.3	1	*2.2* 16.7	3	*7.1* 50.0	0		6		3.1
Homemaking	M	0		0		0		0		0		
	F	8	*10.0* 38.1	4	*8.7* 19.0	4	*9.5* 19.0	5	*20.0* 23.3	21		10.9
Blue Collar	M	8	*28.6* 11.1	15	*31.3* 20.8	18	*34.6* 25.0	31	*49.2* 43.1	72	37.7	
	F	3	*3.8* 8.8	9	*19.6* 26.5	15	*35.7* 44.1	7	*28.0* 20.6	34		17.6
White Collar	M	0		0		1	*1.9* 100.0	0		1	0.5	
	F	8	*10.0* 33.3	6	*13.0* 25.0	4	*9.5* 16.7	6	*24.0* 25.0	24		12.4
Mgt/Prof	M	0		0		1	*1.9* 100.0	0		1	0.5	
	F	0		1	*2.2* 100.0	0		0		1		0.5
Military	M	0		3	*6.3* 60.0	1	*1.9* 20.0	1	*1.6* 20.0	5	2.6	
	F	3	*3.8* 75.0	0		0		1	*4.0* 25.0	4		2.1
Deceased	M	0		0		0		0		0		
	F	0		0		0		0		0		
4 Year Coll	M	18	*64.3* 31.0	16	*33.3* 27.6	17	*32.7* 29.3	7	*11.1* 12.1	58	30.4	
	F	44	*55.0* 61.1	15	*32.6* 20.8	8	*19.0* 11.1	5	*20.0* 6.9	72		37.5
2 Year Coll	M	2	*7.1* 14.3	7	*14.6* 50.0	5	*9.6* 35.7	0		14	7.3	
	F	6	*7.5* 33.3	6	*13.0* 33.3	6	*14.3* 33.3	0		18		9.3

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Table 13, continued

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Voc Tech	M	0		1	2.1 14.3	2	3.8 28.6	4	6.3 57.1	7	3.7	
	F	5	6.3 71.4	1	2.2 14.3	0		1	4.0 14.3	7		3.6
Proprietary	M	0		1	2.1 50.0	1	1.9 50.0	0		2	1.0	
	F	1	1.3 33.3	1	2.2 33.3	1	2.4 33.3	0		3		1.6
Other Trng	M	0		0		0		1	1.6 100.0	1	0.5	
	F	0		0		0		0		0		
Unemployed	M	0		1	2.1 16.7	1	1.9 16.7	4	6.3 66.7	6	3.1	
	F	0		2	4.3 66.7	1	2.4 33.3	0		3		1.6
Totals	M	28	14.7	48	25.1	52	27.2	63	33.0	191		
	F	80	41.5	46	23.8	42	21.8	25	13.0	193		

Chi square for activity by rank 96.40 with 33 df; $p < .0000$

Chi square for activity by sex 70.89 with 11 df; $p < .0000$

Table 14: Graduates, 1981 and 1982. Activity third year following graduation from high school by rank in class and by sex (N and percentages; column percentages are top left for males and top right for females; bottom percentages are for rows).

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Farming	M	0		5	*16.7* 26.3	5	*13.2* 26.3	9	*21.4* 47.4	19	14.7	
	F	1	*1.8* 25.0	1	*3.1* 25.0	2	*7.1* 25.0	0		4		3.1
Homemaking	M	0		0		0		0		0		
	F	5	*9.1* 31.3	2	*6.3* 12.5	4	*14.3* 25.0	5	*38.5* 31.3	16		12.5
Blue Collar	M	5	*26.3* 9.4	9	*30.0* 17.0	15	*39.5* 28.3	24	*57.1* 45.3	53	41.1	
	F	2	*3.6* 8.0	10	*31.3* 40.0	10	*35.7* 40.0	3	*23.1* 12.0	25		19.5
White Collar	M	0		0		0		1	*2.4* 100.0	1	0.8	
	F	8	*14.5* 40.0	5	*15.6* 25.0	5	*17.9* 25.0	2	*15.4* 10.0	20		15.6
Mgt/Prof	M	0		0		1	*2.6* 100.0	0		1	0.8	
	F	1	*1.8* 33.3	1	*3.1* 33.3	1	*3.6* 33.3	0		3		2.3
Military	M	0		2	*6.7* 66.7	1	*2.6* 33.3	0		3	2.3	
	F	1	*1.8* 100.0	0		0		0		1		0.3
Deceased	M	0		0		0		0		0		
	F	0		0		0		0		0		
4 Year Coll	M	13	*68.4* 31.7	12	*40.0* 29.3	13	*34.2* 31.7	3	*7.1* 7.3	41	31.3	
	F	35	*63.6* 67.3	11	*34.4* 21.2	4	*14.3* 7.7	2	*15.4* 3.8	52		40.6
2 Year Coll	M	1	*5.3* 33.3	1	*3.3* 33.3	1	*2.6* 33.3	0		3	2.3	
	F	2	*3.6* 66.7	1	*3.1* 33.3	0		0		3		2.3

Table continued on the next page

Table 14, continued

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Voc Tech	M	0		1	3.3 50.0	0		1	2.4 50.0	2	1.6	
	F	0		0		0		1	7.7 100.0	1		0.8
Proprietary	M	0		0		1	2.6 100.0	0		1	0.8	
	F	0		1	3.1 100.0	0		0		1		0.8
Other Trng	M	0		0		0		1	2.4 100.0	1	0.8	
	F	0		0		0		0		0		
Unemployed	M	0		0		1	2.6 25.0	3	7.1 75.0	4	3.1	
	F	0		0		2	7.1 100.0	0		2		1.6
Totals	M	19	14.7	30	23.3	38	29.5	42	32.6	129		
	F	55	43.0	32	25.0	28	21.9	13	9.4	128		

Chi square for activity by rank 89.98 with 33 df; p <.0000

Chi square for activity by sex 58.32 with 11 df; p <.0000

Table 15: Graduates, 1981. Activity fourth year following graduation from high school by rank in class and by sex (N and percentages, column percentages are top left for males and top right for females; bottom percentages are for rows).

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Farming	M	0		3	18.8 27.3	4	22.2 36.4	4	18.2 36.4	11	16.9	
	F	0		1	5.0 33.3	2	11.8 66.7	0		3		4.1
Homemaking	M	0		0		0		0		0		
	F	2	6.9 25.0	0		2	11.8 25.0	4	57.1 50.0	8		11.0
Blue Collar	M	3	33.3 10.3	5	31.3 17.2	8	44.4 27.6	13	59.1 44.8	29	44.6	
	F	2	6.9 11.8	8	40.0 47.1	5	29.4 29.4	2	28.6 11.3	17		23.3
White Collar	M	0		0		0		1	4.5 100.0	1	1.6	
	F	4	13.8 26.7	6	30.0 40.6	4	23.5 26.7	1	14.3 6.7	15		20.5
Mgt/Prof	M	0		0		0		0		0		
	F	2	6.9 66.7	0		1	5.9 33.3	0		3		4.1
Military	M	0		1	6.3 33.3	1	5.7 33.3	1	4.5 33.3	3	4.6	
	F	1	3.4 100.0	0		0		0		1		1.4
Deceased	M	0		0		0		0		0		
	F	0		0		0		0		0		
4 Year Coll	M	6	66.7 40.0	5	31.3 33.3	3	16.7 20.0	1	4.5 6.7	15	23.1	
	F	17	58.6 73.9	4	20.0 17.4	2	11.8 8.7	0		23		31.5
2 Year Coll	M	0		1	6.3 100.0	0		0		1	1.6	
	F	1	3.4 100.0	0		0		0		1		1.4

Table continued on the next page

Table 15, continued

		1st Q		2nd Q		3rd Q		4th Q		Total		
		N	%	N	%	N	%	N	%	N	%M	%F
Voc Tech	M	0		1	6.3 100.0	0		0		1	1.6	
	F	0		0		0		0		0		
Proprietary	M	0		0		1	5.7 100.0	0			1.6	
	F	0		0		0		0		0		
Other Trng	M	0		0		0		1	4.5 100.0	1	1.6	
	F	0		1	5.0 100.0	0		0		1		1.4
Unemployed	M	0		0		1	5.7 50.0	1	4.5 50.0	2	3.1	
	F	0		0		1	5.8 100.0	0		1		1.4
Totals	M	9	13.8	16	24.6	18	27.7	22	33.8	65		
	F	29	39.7	20	27.4	17	23.3	7	9.6	73		

Chi square for activity by rank 60.76 with 33 df; p $<$ .005

Chi square for activity by sex 35.63 with 11 df; p $<$ .0005 graduation (see Table 15), for first quarter graduates 33.3% of the males and 6.9% of the females were in blue collar occupations; for fourth quarter graduates, 59.1% of the males and 28.6% of the females were in blue collar work. The percentage of graduates entering blue collar work increased both as the graduating rank decreased and as time passed.

Third, the number of students entering college provides some interesting comparisons both across rank and across time. It was shown earlier, in Table 5, that there were differences by sex in graduation ranks; females were much more likely than males to graduate in the first quarter of the class. Some of these differences continue to be apparent. For first quarter graduates the first year following graduation (see Table 12), it can be seen that 57.6% of the males and 59.2% of the females entered a four-year college; however, over all ranks, only 29.8% of males compared to 42.5% of females entered a four-year college their first year after graduation. In a comparison of four-year college attendance by rank, the results show that males, although they attended a four-year college less often than females, had a more consistent attendance rate regardless of rank. For instance, for males entering four-year colleges, 26% of four-year college attenders were from the first quarter, 30.1% from each of the second and third quarters, and 13.7% from the fourth quarter. In comparison, of females entering four-year colleges, 58.1% graduated in the first quarter; the rate of second quarter females going to four-year college drops sharply to 19.0%; the rate is 14.3% for third quarter females and only 8.6% of fourth-quarter females go to a four-year college. Details related to first year activities of graduates by schools are shown in Appendices 10A to 10F; details related to activities by rank are shown in Appendices 10-1 to 10-4.

By the second year following graduation (see Table 13), 64.3% of first quarter males, and 55.0% of first quarter females were still in a four-year college. The rate for males attending a four-year college was higher the second year following graduation than it was the first year following graduation, and the percentage of first-quarter male graduates in four-year colleges exceeded the percentage of first quarter female graduates in four-year colleges. This was most likely due to transfers from two-year colleges. Again, the percentage of students in four-year colleges was higher in the higher graduation ranks. Over all ranks, 30.4% of the males, and 37.3% of the females were still in a four-year college their second year after graduation. Details related to second year activities of graduates by schools are shown in Appendices 11A to 11F; details related to activities by rank are shown in Appendices 11-1 to 11-4.

Table 14 shows that in the third year following graduation, the percentage of both males (31.8%) and females (40.6%) in four-year colleges was higher than it was during the second year past graduation; this again was believed due to transfers from two-year colleges. A higher percentage of male than female graduates in the first, second, and third quarters attended a four-year college. Female fourth quarter graduates in this third year following graduation were more likely than their fourth quarter male counterparts to attend a four-year college. Over all ranks, 31.8% of the males and 40.6% of the females were still attending a four-year college. Details related to third year activities of graduates by schools are shown in Appendices 12A to 12F; details related to activities by rank are shown in Appendices 12-1 to 12-4.

By the fourth year following graduation from high school, 66.7% of the first quarter males and 58.6% of the first quarter females were still attending a four-year college. Of the males attending four-year colleges, 40% graduated in the first quarter, 33.3% in the second quarter, 20% in the third quarter, and 6.7% in the fourth quarter. Of the females attending four-year colleges, 73.9% graduated in the first quarter, 17.4% in the second quarter, 8.7% in the third quarter, and none in the fourth quarter. Over all ranks, 23.1% of the males and 31.5% of the females were still attending four-year colleges during the fourth year after graduation. Details related to fourth year activities of graduates by schools are shown in Appendices 13A to 13F; details related to activity by rank are shown in Appendices 13-1 to 13-4.

A fourth difference in the activity of graduates relates to attendance in two-year colleges. For both males and females, less first quarter graduates attended two-year than four-year colleges, and less first quarter than second quarter graduates attended two-year colleges. Table 12 shows that during the first year following high school graduation, 14.3% of the males and 12.6% of the females attended two-year colleges. By the second year after graduation, the figures have decreased to 7.3% of the males and 9.3% of the females; by this time, none of the fourth quarter graduates attended a two-year college.

Some of the two-year college students transferred to a four-year college for the third year, and others entered the work force. Not surprisingly, the percentage of graduates in two-year colleges during the third (see Table 14) and fourth (see Table 15) years following graduation were quite low; in the third year, just 2.3% of the males and 2.3% of the females, and in the fourth year 1.6% of the males and 1.4% of the females were in two-year colleges. Those graduates still in two-year colleges in the third and fourth years after graduation were, with one exception, graduates in the top halves of their classes.

Another finding relates to those graduates attending vocational-technical schools. During the first year following graduation (see Table 12), 8.6% of the males and 6.1% of the females attended vocational-technical schools. While this difference was not remarkable, it was interesting that of the males, 52.4% graduated in the bottom quarter of their classes, while 46.7% of the females graduated in the first quarter, and another 46.7% graduated in the second quarter of their class. This difference, of having high ranking females and low ranking males attend vocational-technical programs, continued during the second year after high school graduation (see Table 13). The number of graduates in vocational-technical schools during the third and fourth years after graduation was very low.

When all types of educational activities (four-year college, two-year college, vocational-technical school, proprietary schools, and other training) are included, during the first year following graduation, 54.3% of the males and 66.8% of the females were in an educational activity. Of first quarter graduates, 81.8% of the males and 81.6% of the females were in educational activities. In other ranks, 71.7% of second quarter males, 56% of third quarter males and 30.2% of fourth quarter males participate in educational activities; for females, the figures were 69.5%, 52.7%, and 36.7% for the second, third, and fourth quarters, respectively.

During the second year following graduation, 51.8% of the females and 42.9% of the males were in educational activities of some type. Seventy percent of the first quarter, 50% of the second quarter, 35.7% of the third quarter, and 24% of the fourth quarter females are in educational activities. For males in the first, second, third, and fourth quarters, the percentages are 71.4%, 52.1%, 48.1%, and 19.0% respectively.

In the third year following graduation, 37.2% of the males and 44.5% of the females were still in an educational activity of some type. Again, higher participation rates were in the higher graduation ranks. For males, 73.7% of first quarter, 46.7% of second quarter, 39.5% of third quarter, and 11.9% of fourth quarter graduates were in educational activities; for their female counterparts, the figures were 67.3% for the first quarter, 40.6% for the second quarter, 14.3% for the third quarter, and 23.1% for the fourth quarter graduates.

By the fourth year following graduation, rates for participation in educational activities had decreased to 29.2% for males and 34.2% for females. For first quarter graduates, 66.7% of the males, and 62.1% of the females were in educational activities. For second quarter graduates, the rates were 43.8% for males and 25% for females; in the third quarter, it was 22.2% for males and 11.8% for females, and in the last quarter, 9.1% of the males and none of the females were still in educational activities.

The last finding relating to post-graduation activities for rank and sex relates to graduates who were unemployed. In the first year following graduation, unemployed females (2.4%) exceeded unemployed males (1.6%). In the other three years, the unemployment rate for males rose to and stayed at 3.1%, whereas for females, it decreased to 1.6%, and 1.4%. Although the unemployment rates were not high, the rates among the third and fourth quarter graduates far exceeded that of graduates in the top half of the class.

A summary of consistency of activity of graduates by quarter is shown in Table 16. This table summarizes much of the information discussed in relation to the activities of graduates in the first four years following high school graduation. Non applicable and unknown data have been removed from this summary table. Appendices 14-1 to 14-4 show activities for the first, second, third, and fourth years following graduation broken down by school.

Table 17 shows relationships between the fathers' occupation and the graduates' occupation for the first year after graduation. Although 44.1% of the graduates had fathers who were farmers, only 7.2% of all graduates went into farming; however, 81.8% of those who went into farming had fathers who were farmers. Differences are not as striking in other areas, yet 30.1% of the fathers were blue collar workers, and 48.9% of those going into blue collar work had fathers in blue collar employment. Of the graduates going to

Table 16: Graduates 1981, 1982, 1983 and 1984. Consistency of activity during years following high school graduation by sex (N and column percentages).

		Activity 1st year after grad			Activity 2nd year after grad			Activity 3rd year after grad			Activity 4th year after grad		
		N	%M	%F	N	%M	%F	N	%M	%F	N	%M	%F
Farming	M	27	11.0		24	12.6		19	14.7		11	16.9	
	F	7		2.8	6		3.1	4		3.1	3		4.1
Homemaking	M	1	0.4		0			0			0		
	F	15		6.1	21		10.9	16		12.5	8		11.0
Blue Collar	M	71	29.0		72	37.7		53	41.1		29	44.6	
	F	34		13.8	34		17.6	25		19.5	17		23.3
White Collar	M	1	0.4		1	0.5		1	0.8		1	1.6	
	F	17		6.9	24		12.4	20		15.6	15		20.5
Mgt/Prof	M	1	0.4		1	0.5		1	0.8		0		
	F	0			1		0.5	3		2.3	3		4.1
Military	M	5	2.0		5	2.6		3	2.3		3	4.6	
	F	3		1.2	4		2.1	1		0.8	1		1.4
Deceased	M	1	0.4		0			0			0		
	F	0			0			0			0		
4 Year Coll	M	73	29.8		58	30.4		41	31.8		15	23.1	
	F	105		42.5	72		37.3	52		40.6	23		31.5
2 Year Coll	M	35	14.3		14	7.3		3	2.3		1	1.6	
	F	31		12.6	18		9.3	3		2.3	1		1.4
Voc Tech	M	21	8.6		7	3.7		2	1.6		1	1.6	
	F	15		6.1	7		3.6	1		0.8	0		
Proprietary	M	4	1.6		2	1.0		1	0.8		1	1.6	
	F	14		5.7	3		1.6	1		0.8	0		
Other Trng	M	1	0.4		1	0.5		1	0.8		1	1.6	
	F	0			0			0			1		1.4
Unemployed	M	4	1.6		6	3.1		4	3.1		2	3.1	
	F	6		2.4	3		1.6	2		1.6	1		1.4
Totals	M	245			191			129			65		
	F	247			193			128			73		

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Table 17 : Graduates, all schools, 1981, 1982, 1983, 1984. Activity first year after graduation from high school by father's occupation (N and row and column percentages).

Father's Occupation	Farming	Home making	Blue Collar	White Collar	Mgt/ Prof	Military	Deceased	Four Yr Coll	Two Yr Coll	Vo Tech	Pro- prietor	Other Training	Unempl	Totals % of 456
Farming	13.4 27 81.8	2.5 5 45.5	14.9 30 30.6	5.0 10 55.6	0	1.5 3 50.0	0	33.8 68 40.5	15.4 31 50.0	9.5 19 55.9	4.0 8 50.0	0	1.5 3 30.0	44.1 201
Blue Collar	2.2 3 9.1	3.7 5 45.5	35.0 48 48.9	5.8 8 44.4	0.7 1 100.0	2.2 3 50.0	0.7 1 100.0	28.5 39 23.2	8.8 12 19.4	5.1 7 20.6	2.9 4 25.0	0	4.4 6 60.0	30.1 137
White Collar	0	25.0 1 9.1	0	0	0	0	0	50.0 2 1.2	0	25.0 1 2.9	0	0	0	0.8 4
Mgt/Prof	2.8 2 6.1	0	9.7 7 7.1	0	0	0	0	61.1 44 26.2	18.1 13 21.0	2.8 2 5.9	4.2 3 18.8	0	1.4 1 10.0	15.8 72
Military	0	0	25.0 1 1.0	0	0	0	0	50.0 2 1.2	25.0 1 1.6	0	0	0	0	0.8 4
Deceased	12.5 1 3.0	0	37.5 3 3.1	0	0	0	0	50.0 4 2.4	0	0	0	0	0	1.8 8
Retired	0	0	20.0 4 4.1	0	0	0	0	40.0 8 4.8	15.0 3 4.8	15.0 3 8.8	5.0 1 6.3	5.0 1 100.0	0	4.4 20
Unemployed	0	0	50.0 5 5.1	0	0	0	0	10.0 1 0.6	20.0 2 3.2	20.0 2 5.9	0	0	0	2.2 10
Totals	33 7.2	11 2.4	98 21.5	18 4.0	1 0.2	6 1.3	1 0.2	168 36.8	62 13.6	34 7.5	16 3.5	1 0.2	10 2.2	456

Chi-square 172.37 with 104 df; $p < .0000$

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four-year colleges, 40.5% had farmers as fathers, and 23.2% had blue collar workers as fathers; in both of the cases, the four-year college attendance was less than the overall percentage of fathers with those occupations. On the other hand, 26.2% of graduates going to four-year colleges had fathers with white collar jobs; that group of fathers made up only 15.8% of the total. A greater percent (61.1%) of graduates whose fathers were management/professional went to four-year colleges, than did graduates whose fathers had other occupations. The percentage of graduates with fathers who were farmers, and who were going to two-year colleges, vocational-technical schools and proprietary training was higher than the percentage of farmer fathers in the population. Although graduates with management/professional fathers were more likely than average to go to two-year or four-year colleges, they were less likely than average to go to vocational-technical schools or proprietary schools. Also noticeable on Table 17 is that the majority of graduates going into white collar jobs have farmers as fathers, and the remainder had blue collar workers as fathers.

The pattern of relationships between fathers' occupations and graduates activity continued for each of the other years following graduation. Appendices 15-1 to 15-3 show these patterns. Probably the most noticeable item in these appendices is that the percentage of graduates with management/professional fathers continued to be more likely than other graduates to remain in a four-year college. In addition, the percentage of graduates going into blue collar work increased each year, particularly for those with blue collar fathers. The pattern of graduates with white collar jobs and farmers or blue collar workers as fathers continued over time.

Table 18 displays the relationship of the mothers' occupation and the graduates' activities for the first year following graduation. The results show that 48.7% of the graduates whose mothers were white collar employees and 52.4% of graduates whose mothers were management/professional workers attended a four-year college the first year following graduation. Mothers in management/professional occupations were also more likely than other to have graduates who attended two-year colleges. As was true with the fathers, mothers who were engaged in farming were the ones most likely to have graduates who entered farming; this was true for all four years. Appendices 16-1 to 16-3 show the relationship between mothers' occupation and the

Table 18 : Graduates, all schools, 1981, 1982, 1983, 1984. Activity first year after graduation from high school by mother's occupation (N and row and column percentages).

Mother's Occupation	Farming	Home making	Blue Collar	White Collar	Mgt/ Prof	Military	Deceased	Four Yr Coll	Two Yr Coll	Vo Tech	Pro-prietor	Unempl	Totals
Farming	15.3 15 60.0	4.1 4 40.0	17.3 17 30.9	5.1 5 41.7	0	0	0	30.6 30 27.0	14.3 14 34.1	8.2 8 38.1	3.1 3 30.0	2.0 2 40.0	% of 236 33.1 98
Homemaking	14.6 6 24.0	0	14.6 6 10.9	4.9 2 16.7	0	0	0	41.5 17 15.3	14.6 6 14.6	9.8 4 19.0	0	0	13.9 41
Blue Collar	4.7 3 12.0	6.3 4 40.0	25.0 16 29.1	3.1 2 16.7	1.6 1 100.0	3.1 2 25.0	0	28.1 18 16.2	12.5 8 19.5	9.4 6 28.6	6.3 4 40.0	0	21.6 64
White Collar	0	2.6 1 10.0	23.1 9 16.4	5.1 2 16.7	0	2.6 1 12.5	2.6 1 100.0	48.7 19 17.1	7.7 3 7.3	2.6 1 4.8	5.1 2 20.0	0	13.2 39
Mgt/Prof	2.4 1 4.0	2.4 1 10.0	9.5 4 7.3	2.4 1 8.3	0	2.4 1 12.5	0	52.4 22 19.8	16.7 7 17.1	2.4 1 4.8	2.4 1 10.0	7.1 3 60.0	14.2 42
Deceased	0	0	0	0	0	0	0	100.0 1 0.9	0	0	0	0	0.3 1
Retired	0	0	25.0 1 1.8	0	0	0	0	50.0 2 1.8	25.0 1 2.4	0	0	0	1.4 4
Unemployed	0	0	28.6 2 3.6	0	0	0	0	28.6 2 1.8	28.6 2 4.9	14.3 1 4.8	0	0	2.4 7
Totals	25 8.4	10 3.4	55 18.6	12 4.1	1 0.3	4 1.4	1 0.3	111 37.5	41 13.9	21 7.1	10 3.4	5 1.7	296

Chi-square 100.97 with 104 df; $p < .05$

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graduates' activities for the second, third and fourth years following graduation. In a finding similar to those for the fathers, mothers who were blue collar employees were more likely to have graduates who also became blue collar employees; the percentage of graduates going into blue collar positions increased each year. An unexpected finding was that graduates were were unemployed were most likely to have mothers who were in management/professional occupations; this, too, was true over the four-year period.

Table 19 presents information related to the activity of the graduates during the first year following graduation and the distance that activity was from their hometown. Not surprisingly, the graduates who entered farming were by far the most likely to stay in their hometowns; 85.5% of males and 85.7% of the females entering farming stayed in the hometown. Other activities in which large percentages of graduates stayed in the hometown were: homemaking (the only male and 73.3% of the females); blue collar (56.3% of males and 58.8% of females) and unemployed (100% of males and 50% of females). Only one graduate who was in an educational activity remained in the hometown. Graduates attending four-year colleges were most likely to go to one within a 25 mile distance (38.4% of males

Table 19 : Graduates, all schools, 1981, 1982, 1983, 1984. Activity first year following graduation from high school by distance of that activity from home and by sex (N and row percentages for males and females; column percentages for males and females for activity totals).

		In Hometown		Up to 25 miles		26-50 miles		51-100 miles		101 or more		Total	%M	%F
Farming	M	23	85.5	4	14.8	0	--	0	--	0	--	27	11.1	
	F	6	85.7	1	14.3	0	--	0	--	0	--	7		2.9
Homemaking	M	1	100.0	0	--	0	--	0	--	0	--	1	0.4	
	F	11	73.3	3	20.0	0	--	0	--	0	--	14		5.7
Blue Collar	M	40	56.3	14	9.7	7	9.9	1	1.4	9	12.7	71	29.1	
	F	20	58.8	8	23.5	6	17.6	0	--	0	--	34		13.9
White Collar	M	0	--	1	100	0	--	0	--	0	--	1	0.4	
	F	5	31.3	7	43.8	1	6.3	1	6.3	2	12.5	16		6.5
Mgt./Prof.	M	1	100.0	0	--	0	--	0	--	0	--	1	0.4	
	F	0	--	0	--	0	--	0	--	0	--	0		--
Military	M	1	20.0	0	--	0	--	0	--	4	80.0	5	2.0	
	F	1	33.3	1	33.3	0	--	0	--	1	33.3	3		1.2
Deceased	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	0	--	0	--	0	--	0	--	0	--	0		--
4 Yr. Coll.	M	0	--	28	38.4	19	26.0	6	8.2	20	27.4	73	29.9	
	F	0	--	38	36.2	28	26.7	9	8.6	30	28.6	105		42.9
2 Yr. Coll.	M	1	2.9	6	17.1	11	31.4	8	22.9	9	25.7	35	14.3	
	F	0	--	2	6.5	16	51.6	10	32.3	3	9.7	31		12.7
Voc. Tech.	M	0	--	9	42.9	4	19.0	4	19.0	4	19.0	21	8.6	
	F	0	--	8	53.3	4	26.7	3	20.0	0	--	15		6.1
Proprietary	M	0	--	1	25.0	0	--	1	25.0	2	50.0	4	1.6	
	F	0	--	3	21.4	4	28.6	4	28.6	3	21.4	14		5.7
Other Trng.	M	0	--	0	--	0	--	0	--	1	100.0	1	0.4	
	F	0	--	0	--	0	--	0	--	0	--	0		--
Unemployed	M	4	100.0	0	--	0	--	0	--	0	--	4	1.6	
	F	3	50.0	1	16.7	1	16.7	0	--	1	16.7	6		2.4
	M	71	29.1	63	25.8	41	16.8	20	8.2	49	20.1	244		
	F	46	18.8	72	29.4	60	24.5	27	11.0	40	16.3	245		

Chi-square for males: 174.19 with 44 df; p .0000
Chi-square for females: 184.67 with 36 df; p .0000

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and 36.2% of females); another quarter of males and of females attended four-year colleges which were either 26 to 50 or 101 miles or more away from the hometown. Over half of females attending two-year colleges were from 26 to 50 miles from home and another one-third were 51 to 100 miles from home, whereas males who attended two-year colleges were more evenly divided among the distance categories, and over one-fourth of them were 101 or more miles from home. The patterns remained similar during the other study years; these years are displayed in Appendices 17-1 to 17-3.

Table 20 presents distance information for the first year activity and the rank of graduates. Some noticeable differences in distance are based upon rank. The percentage of graduates remaining in the hometown increased as the graduation rank decreased; 12.1% of the first quarter males and 11.8% of the first quarter females stayed in the hometown, whereas 43% of fourth quarter males and 38.7% of fourth quarter females stayed in the hometown. Of the males who do stay in the hometown, only 5.5% graduated in the first quarter, whereas 50.7% graduated in the fourth quarter. Females who stayed in the hometown were nearly equally divided between the four quarters. The most common distance for both males and females in the first quarter was up

Table 20 : Graduates, all schools, 1981, 1982, 1983 and 1984. Distance first year activity away from home by sex and rank in class (N and percentages; top percentage equals row; bottom percentage equals column).

	In Hometown		Up to 25 Miles		26-50 Miles		51-100 Miles		101 or More Miles		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
1st Quarter	12.1 4 5.5	11.8 12 24.5	36.4 12 19.1	29.4 30 41.7	12.1 4 9.8	28.4 29 47.5	18.2 6 30.0	12.7 13 48.2	21.2 7 14.3	17.6 18 42.6	33 13.4	102 40.6
2nd Quarter	20.0 12 16.4	18.0 11 22.5	26.7 16 25.0	24.6 15 20.8	25.0 15 36.6	26.2 16 26.2	6.7 4 20.0	11.5 7 25.9	21.7 13 26.5	19.7 12 28.6	60 24.4	61 24.3
3rd Quarter	29.9 20 27.4	24.6 14 28.6	22.4 15 23.8	33.3 19 26.4	20.9 14 34.2	24.6 14 22.2	6.0 4 20.0	7.0 4 14.8	20.9 14 28.6	10.5 6 14.3	67 27.2	57 22.7
4th Quarter	43.0 37 50.7	38.7 12 24.5	23.3 20 31.8	25.8 8 11.1	9.3 8 19.5	6.5 2 3.3	7.0 6 30.0	9.7 3 11.1	17.4 15 30.6	19.4 6 14.3	86 35.0	31 12.4
Totals	29.7 73	19.5 49	25.6 63	28.7 72	16.7 41	24.3 61	8.1 20	10.8 27	19.9 49	16.7 42	246	251

Chi-square for males 24.08 with 12 df; $p < .05$
Chi-square for females 18.55 with 12 df; $p > .05$

to 25 miles away. Top quarter females were more likely than top quarter males to go from 25 to 50 miles from home; nearly fifty percent of females who were 26 to 50 miles and 51 to 100 miles from home graduated in the top quarter of their class; another one-fourth of females these distances from home graduated in the second quarter of their class. For graduates who went 101 or more miles from home 14.3% of the males and 42.6% of the females graduated in the first quarter, whereas 30.6% of males and 14.3% of the females graduated in the fourth quarter. The relationship of rank and distance from home has a chi-square (12 df) probability of .0000. Similar patterns appear for distance and quarter relationships during the second, third and fourth years following graduation. Appendices 18-1 to 18-3 show these patterns; chi-square probability for each of these is also p <.0000.

Discussion

This study was designed to provide a better understanding of counseling services in small, rural high schools, and of the activities of the graduates of these schools. The reader should be aware that the six high schools which participated in this study were selected for convenience, and that the lack of randomized selection of graduates prevents generalizations to all rural high school graduates.

The findings of this study are shown in several tables and described in the previous section. The summary of findings is presented below to help the reader make use of the study.

- The counselors all held at least a M.S. degree; only one school had a full-time counselor. Nearly half of the counseling was done in planned individual meetings with the students. Just over a third of the counseling related to current academic work, and about a quarter related to college activities. The counselors all used Kansas Careers in their activities with the students.
- The counselors provided information for the 513 graduates; all but one counselor had been

in the district for a number of years, thus most of them knew the graduates. Occupations of the mothers was the item most likely to be unknown/unreported. When other information was unknown, it was more likely for graduates in the lower half of the class, generally indicating the counselors knew or kept track of graduates from the upper halves of the graduating classes better than they did for graduates from the lower halves of the classes.

- Over the four-year period the smallest school had 43 graduates and the largest school had 127 graduates. Of the 513 graduates, 252 were male, and 261 were female. Females were more likely to be married than were males. Graduates in the lower half of their classes and males were more likely to live with their parents following graduation.
- In each school, females were much more likely to graduate in the top quarter, and males much more likely to graduate in the bottom quarter of their classes. Females were more likely than males to participate in an educational activity following graduation; in

the first year following graduation, 66.8% of the females and 54.3% of the males were in educational activities. Throughout the four-year period under study, females were more likely to engage in educational activities. Generally, females who attended four-year colleges tended to be concentrated in the upper quarter of their graduating classes, whereas males from the top three quarters attended four-year colleges in nearly equal proportions.

- The percentage of graduates who went into farming was small; most of those who did so were concentrated in the lower half, and particularly in the lower quarter of their graduating class. The percentage of those going into blue-collar employment increased each year. For males, blue collar employment was a close second to four-year college attendance the first year after graduation, then outdistanced that educational activity.
- The fathers' occupation and the graduates' rank in class showed a significant relationship. Graduates whose fathers were management/professional were far more likely

to graduate in the top quarter; graduates whose fathers were blue collar employees were more likely to graduate in the bottom half of their class.

- The fathers' occupation also had an effect upon the graduates' activities. Not surprisingly, graduates whose fathers were farmers were the most likely to enter farming; these individuals were less likely than average to go to a four-year college, but more likely than others to go to a two-year college. Graduates whose fathers were management/professional were most likely to go to a four-year college. The graduates who were unemployed were more likely to have fathers who were blue collar workers. The percentage of those going into blue collar employment increased every year, particularly for those whose fathers were blue collar employees.
- There was a relationship between the occupation of the mothers and the activities of the graduates. Mothers with white collar occupations and those who were management/professional were most likely to

have graduates who went to four-year colleges. Graduates whose mothers were blue collar workers were more likely than others to enter blue collar employment. Graduates who were unemployed were most likely to have mothers who were management/professional employees.

- Females were less likely than males to stay in the hometown area. Both males and females who entered educational activities left the hometown area, creating a "brain drain" for these communities. Although it is not known whether these brighter students return to the hometown community following completion of their education, it is known that they leave the area to attend educational activities.

Longer-range studies of these graduates and their post-graduation activities would add to the body of knowledge about rural high-school graduates. Information comparing the activities of these graduates with those from urban or suburban high schools would also be of interest. Findings related to the sex and rank differences need further exploration.

APPENDIX 1

Counselor information form

RURAL/SMALL SCHOOL GRADUATE FOLLOW-UP STUDY
COUNSELOR INFORMATION FORM

School name ____

Number of high school graduates:

_____ 1981 _____ 1982 _____ 1983 _____ 1984

Counselor information:

Name or #	% of time counseling	# & level students served	# of years in district	degree(s)

Number of students in school _______

Ratio of students to counselors _________

Kind of counseling (% of time in each)

_____ Planned group meetings
_____ Planned individual meetings
_____ Student request
_____ Other

Type of counseling (% of time in each)

_____ Personal
_____ Academic
_____ College
_____ Occupational
_____ Other

Type of resources available (give specific information on amount, type, etc.)

Kansas Careers
Audio-visual materials
Catalogs
Books
Other materials

APPENDIX 2

Graduate information form

RURAL/SMALL SCHOOL GRADUATE FOLLOW-UP
STUDENT INFORMATION FORM

High school ____________________________________

Graduation year _________ Sex __________

Rank in class ____________________________________

Parent's occupation ______________________________

Parent's residence _____ In town _____ Out of town

Graduate's residence:

_____ Living with parents
_____ Living separately in same area
_____ Living in another area (specify) ______________

Marriage: ____ No ______ Yes. If yes, how long after graduation? _________________

Employment or education:

First year after graduation:
  Activity
  Location

Second year after graduation:
  Activity
  Location

Third year after graduation:
  Activity
  Location

Fourth year after graduation:
  Activity
  Location

APPENDIX 3

Definitions of fathers' and mothers' occupations and graduates' activities

DEFINITIONS OF PARENTS' OCCUPATIONS AND GRADUATES' ACTIVITIES

Farming Persons working on own or rented farmland. Does not include those who "hire out" as farmhands; these individuals are considered blue collar workers.

Homemaking Persons managing a household, not engaged in other activity.

Blue collar Persons whose employment involves manual labor, and for which training is generally not needed, e.g., cook, factory worker, construction worker.

White collar Persons not involved in manual labor, whose employment generally requires some training, and who are expected to dress with some formality, e.g., secretary, bookkeeper, bank teller.

Management/professional Persons whose employment requires specialized training, e.g., teacher, accountant, nurse, business owner.

Military Persons of any rank in one of the armed services.

Deceased Persons no longer living.

Four-year college Persons attending a four-year public or private college or university.

Two-year college Persons attending a two-year public or private college.

Vocational-technical Persons attending an area vocational-technical or similar school.

Proprietary Persons attending a private proprietary school for technical training.

Other training Persons engaged in any training program which is not in one of the above four categories.

Unemployed Persons below retirement age who are not engaged in any employment.

APPENDIX 4

Number of graduates by sex for each school for graduation years 1981, 1982, 1983, and 1984

Appendix 4: Number of graduates by sex for each school for graduation years 1981, 1982, 1983, 1984.

	School													
	A		B		C		D		E		F		Totals	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1981	18	18	8	11	7	11	8	10	20	22	5	6	66	78
1982	21	8	7	10	11	14	16	6	9	13	5	5	69	56
1983	11	17	8	8	9	11	16	10	13	16	9	9	66	71
1984	13	21	10	6	8	6	7	14	12	6	1	3	51	56
Totals	63	64	33	35	35	42	47	40	54	57	20	23	252	261

APPENDIX 5

All graduates. Sex by rank for each school

Appendix 5: All graduates. Sex by rank for each school (N and row percentages)

School

	A		B		C		D		E		F		Totals	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1st Q N	10	24	4	14	5	16	7	17	6	21	1	12	33	104
%	29.4	70.6	22.2	77.8	23.8	76.2	29.2	70.8	22.2	77.8	7.7	92.3	24.1	75.9
2nd Q N	18	12	6	11	8	9	12	8	10	17	6	4	60	61
%	60.0	40.0	35.3	64.7	47.1	52.9	60.0	40.0	37.0	63.0	60.0	40.0	49.6	50.4
3rd Q N	16	17	9	8	10	10	12	11	15	13	7	4	69	63
%	48.5	51.5	52.9	47.1	50.0	50.0	52.2	47.8	53.3	46.4	63.6	36.4	52.3	47.7
4th Q N	19	11	14	2	12	7	16	16	23	6	6	3	90	33
%	63.3	36.7	87.5	12.5	63.2	36.8	80.0	20.0	79.3	20.7	66.7	33.3	73.2	26.8
Total N	63	64	33	35	35	42	47	52	54	57	20	23	252	261

APPENDIX 6

Number of graduates married by sex by school

Appendix 6: Number of graduates married by sex by school. (N and column percentages)

School

A		B		C		D		E		F		Totals	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
7	26	6	10	3	12	3	7	1	8	4	5	24	68
11.1	40.0	18.1	28.6	8.6	28.6	6.4	17.5	1.9	14.0	20.0	21.7	9.5	26.1

APPENDIX 7

Number of graduates married by rank by school

Appendix 7: Number of graduates married by quarter by school. (N and column percentages)

	School													
	A		B		C		D		E		F		Totals	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1st Q	4	12.1	5	31.3	3	20.0	1	10.0	2	22.2	4	44.4	19	20.7
2nd Q	8	24.2	3	18.8	5	33.3	3	30.0	4	44.4	2.	22.2	25	27.2
3rd Q	11	33.3	5	31.3	3	20.0	3	30.0	2	22.2	2	22.2	26	28.3
4th Q	10	30.3	3	18.8	4	26.7	3	30.0	1	11.1	1	11.1	22	23.9
	33		16		15		10		9		9		92	

APPENDIX 8

All graduates. Parents' residence by father's occupation

Appendix 8: Parents' residence (in or out of town) by father's occupation by school (N and column %).

Par Res by		School A		School B		School C		School D		School E		School F		Total	
Father's Occ		In town	Out town	In town	Out town	In town	Out town	In town	Out town	In town	Out town	In town	Out town	In town	Out town
Farming	N	2	47	8	37	0	0	2	32	3	59	1	18	16	193
	%	4.5	56.6	32.0	86.0	0.0	0.0	6.7	57.1	7.1	85.5	5.0	78.3	9.5	56.4
Blue Collar	N	16	25	9	4	5	34	16	10	14	4	6	1	66	78
	%	36.4	30.1	36.0	9.3	71.4	50.0	53.3	17.9	33.3	5.8	30.0	4.3	39.3	22.8
White Collar	N	0	0	0	0	1	1	1	1	0	0	0	0	2	2
	%	0.0	0.0	0.0	0.0	14.3	1.5	3.3	1.8	0.0	0.0	0.0	0.0	1.2	0.6
Mgt./Prof.	N	11	6	3	0	0	9	5	2	20	6	8	2	47	25
	%	25.0	7.2	12.0	0.0	0.0	13.2	16.7	3.6	47.6	8.7	40.0	8.7	28.0	7.3
Military	N	0	0	0	2	0	3	0	1	0	0	0	0	0	6
	%	0.0	0.0	0.0	4.7	0.0	4.4	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8
Deceased	N	0	0	0	0	0	0	0	0	1	0	4	2	5	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	20.0	8.7	3.0	0.6
Retired	N	1	0	2	0	0	6	3	7	2	0	0	0	8	13
	%	2.3	0	8.0	0.0	0.0	8.8	1.0	12.5	4.8	0.0	0.0	0.0	4.8	3.8
Unemployed	N	7	0	1	0	0	1	1	1	0	0	0	0	9	2
	%	15.9	0.0	4.0	0.0	0.0	1.5	3.3	1.8	0.0	0.0	0.0	0.0	5.4	0.6
Unknown	N	7	5	2	0	1	14	2	2	2	0	1	0	15	21
	%	15.9	6.0	8.0	0.0	14.2	20.6	6.7	3.6	4.8	0.0	5.0	0.0	8.9	6.1
Totals		44	83	25	43	7	68	30	56	42	69	20	23	168	342
			24.3		12.6		19.9		16.4		20.2		6.7		
		26.2		14.9		4.2		17.9		25.0		11.9			

APPENDIX 9

All graduates. Parents' residence by mothers' occupation

Appendix 9: Parents' residence (in or out of town) by mothers' occupation by school (N and column %).

Par Res by		School A		School B		School C		School D		School E		School F		Total	
Mother's Occ		In town	Out town	In town	Out town	In town	Out town	In town	Out town	In town	Out town	In town	Out town	In town	Out town
Farming	N	2	29	0	23	0	0	1	2	2	22	1	20	6	96
	%	4.5	34.9	0.0	53.5	0.0	0.0	3.3	3.6	4.8	31.9	5.0	87.0	3.6	28.1
Homemaking	N	0	0	0	2	0	0	0	0	9	28	2	0	11	30
	%	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	21.4	40.6	10.0	0.0	6.5	8.8
Blue Collar	N	11	7	9	12	0	5	1	3	7	8	3	0	31	35
	%	25.0	8.4	36.0	27.9	0.0	7.4	3.3	5.4	16.7	11.6	15.0	0.0	18.5	10.2
White Collar	N	9	5	4	3	1	2	4	3	7	1	1	0	26	14
	%	20.5	6.0	16.0	7.0	14.3	2.9	13.3	5.4	16.7	1.4	5.0	0.0	15.5	4.1
Mgt./Prof.	N	4	8	4	2	0	2	6	3	8	3	2	1	24	19
	%	9.1	9.6	16.0	4.7	0.0	2.9	20.0	5.4	19.0	4.3	10.0	4.3	14.3	5.6
Deceased	N	0	0	0	0	0	0	0	0	1	1	0	0	1	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.4	0.0	0.0	0.6	0.3
Retired	N	1	1	1	0	0	1	0	0	0	0	0	0	2	2
	%	2.3	1.2	4.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.6
Unemployed	N	3	0	2	1	0	1	0	1	0	0	0	0	5	2
	%	6.8	0.0	8.0	2.3	0.0	1.8	0.0	1.8	0.0	0.0	0.0	0.0	3.0	0.6
Unknown	N	14	33	5	0	6	58	18	44	8	6	11	2	62	143
	%	31.8	39.8	20.0	0.0	85.7	85.3	60.0	78.6	19.0	8.7	55.0	8.7	36.9	41.8
Totals		44	83	25	43	7	68	30	56	42	69	20	23	168	342
			24.3%		12.6%		19.9%		16.4%		20.2%		6.7%		
		26.2%		14.9%		4.2%		17.9%		25.0%		11.9%			

APPENDICES 10A to 10F

School A to School F graduates, 1981, 1982, 1983, 1984. Activity first year past graduation by rank in graduating class

Appendix 10A: School A graduates, 1981, 1982, 1983 and 1984. Activity first year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	3	10.0	4	12.1	3	10.0	10	7.9
Homemaking	1	2.9	0	0.0	2	6.1	3	10.0	6	4.7
Blue Collar	1	2.9	5	16.7	6	18.2	10	33.3	22	17.3
White Collar	2	5.8	2	6.7	0	0.0	1	3.3	5	3.9
Mgt. Prof	0	0.0	0	0.0	1	3.0	0	0.0	1	0.7
Military	1	2.9	2	6.7	0	0.0	1	3.3	4	3.1
Deceased	0	0.0	0	0.0	0	0.0	1	3.3	1	0.7
4 Yr Coll	21	61.8	7	23.3	10	30.8	3	10.0	41	32.3
2 Yr Coll	4	11.8	8	26.7	2	6.1	3	10.0	17	13.4
Voc Tech	1	2.9	1	3.3	0	0.0	2	6.7	4	3.1
Proprietary	3	8.8	0	0.0	3	9.1	0	0.0	6	4.7
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	2	6.7	3	9.1	1	3.3	6	4.7
Missing	0	0.0	0	0.0	2	6.1	2	6.7	4	3.1
	34		30		33		30		127	

Appendix 10B: School B graduates, 1931, 1982, 1983 and 1984.
Activity first year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	0	0.0	0	0.0	0	0,0
Homemaking	2	11.1	1	5.9	0	0.0	1	5.9	4	5,8
Blue Collar	1	5.6	3	17.6	5	29.4	6	35.3	15	21.7
White Collar	0	0.0	0	0.0	0	0.0	2	11.8	2	2.9
Mgt. Prof	0	0,0	0	0.0	0	0.0	0	0,0	0	0.0
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0,0
Deceased	0	0.0	0	0.0	0	0.0	1	5.9	1	1.4
4 Yr Coll	11	61.1	6	35.3	3	17,6	2	11.8	22	31.9
2 Yr Coll	3	16.6	6	35.3	7	41.2	1	5.9	17	24.6
Voc Tech	1	5.6	1	5.9	2	11.8	1	5.9	5	7.2
Proprietary	0	0.0	0	0.0	0	0.0	2	11.8	2	2.9
Other Trng	0	0.0	0	0.0	0	0.0	0	0,0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	1	5.9	1	1,4
Missing	0	0.0	0	0.0	0	0,0	0	0.0	0	0.0
	18		17		17		17		69	

Appendix 10C: School C graduates, 1981, 1982, 1983 and 1984. Activity first year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	1	5.0	0	0.0	1	1.3
Homemaking	2	9.5	0	0.0	1	5.0	2	10.5	5	6.5
Blue Collar	1	4.8	0	0.0	5	25.0	10	52.6	16	20.8
White Collar	0	0.0	1	5.9	0	0.0	1	5.3	2	2.6
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	1	4.8	0	0.0	0	0.0	2	10.5	3	3.9
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	12	57.1	8	47.0	5	25.0	0	0.0	25	32.5
2 Yr Coll	3	14.3	2	11.8	1	5.0	0	0.0	6	7.8
Voc Tech	2	9.5	3	17.6	0	0.0	1	5.3	6	7.8
Proprietary	0	0.0	1	5.9	3	15.0	0	0.0	4	5.2
Other Trng	0	0.0	0	0.0	0	0.0	1	5.3	1	1.3
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	2	11.8	4	20.0	2	10.5	8	10.4
	21		17		20		19		77	

Appendix 10D: School D graduates, 1981 1982, 1983 and 1984
Activity first year past graduation by rank in
graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	1	5.0	1	4.3	1	5.0	3	3.5
Homemaking	0	7.7	1	5.0	0	0.0	0	0.0	1	1.2
Blue Collar	3	12.5	4	20.	9	39.1	8	40.0	24	27.6
White Collar	2	8.3	1	5.0	2	8.7	1	5.0	6	6.9
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	14	58.3	3	15.0	8	34.8	4	20.0	29	33.3
2 Yr Coll	1	4.2	2	10.0	1	4.3	0	0.0	4	4.6
Voc Tech	1	4.2	6	30.0	1	4.3	3	15.0	11	12.6
Proprietary	1	4.2	2	10.0	1	4.3	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	1	4.2	0	0.0	0	0.0	1	5.0	2	2.3
Missing	1	4.2	0	0.0	0	0.0	2	10.0	3	3.5
	24		20		23		20		87	

Appendix 10E: School E graduates, 1981, 1982, 1983 and 1984. Activity first year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	1	3.7	5	17.9	7	24.1	13	11.7
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	3	11.1	5	18.5	7	25.0	8	27.6	23	20.7
White Collar	1	3.7	1	3.7	0	0.0	1	3.5	3	2.7
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	1	3.6	0	0.0	1	0.9
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	16	59.3	14	5.9	6	21.4	7	24.1	43	38.7
2 Yr Coll	3	11.1	4	14.8	3	10.7	1	3.5	11	9.9
Voc Tech	3	11.1	1	3.7	1	3.6	4	13.8	9	8.1
Proprietary	1	3.7	1	3.7	0	0.0	0	0.0	2	1.8
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	5	17.9	1	3.5	6	5.4
	27		27		28		29		111	

Appendix 10F: School F graduates, 1981, 1982, 1983 and 1984. Activity first year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	2	15.4	1	10.0	0	0.0	4	44.4	7	16.3
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	1	7.7	1	10.0	2	18.2	1	11.1	5	11.6
White Collar	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0,0
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	6	46.1	4	40.0	5	45.5	3	33.3	18	41.9
2 Yr Coll	4	30.7	3	30.0	4	36.4	0	0.0	11	25.6
Voc Tech	0	0.0	1	10.0	0	0.0	0	0.0	1	2.3
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0,0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	1	11.1	1	2.3
Missing	0	0.0	0	0.0	0	0.0	0	0,0	0	0.0
	13		10		11		9		43	

APPENDICES 10-1 to 10-4

Graduates from the first, second, third, and fourth quarters 1981, 1982, 1983, 1984. Activity for first year past graduation by high school attended

Appendix 10-1: Graduates from first quarter (rank in class), 1981, 1982, 1983 and 1984. Activity for first year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	0		0		0		0		0		2	15.4	2	1.5
Homemaking	1	2.9	2	11.1	2	9.5	0		0		0		5	3.6
Blue Collar	1	2.9	1	5.6	1	4.8	3	12.5	3	11.1	1	7.7	10	7.3
White Collar	2	5.9	0		0		2	8.3	1	3.7	0		5	3.6
Mgt. Prof.	0		0		0		0		0		0		0	
Military	1	2.9	0		1	4.8	0		0		0		2	1.5
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	21	61.8	11	61.1	12	57.1	14	58.3	16	59.3	6	46.2	80	58.4
2 Yr Coll	4	11.8	3	16.7	3	14.3	1	4.2	3	11.1	4	30.8	18	13.1
Voc Tech	1	2.9	1	5.6	2	9.5	1	4.2	3	11.1	0		8	5.8
Proprietary	3	8.9	0		0		1	4.2	1	3.7	0		5	3.6
Other Trng	0		0		0		0		0		0		0	
Unemployed	0		0		0		1	4.2	0		0		1	0.8
Unknown	0		0		0		1	4.2	0		0		1	0.8
	34		18		21		24		27		13		137	

Appendix 10-2: Graduates from second quarter (rank in class), 1981, 1982, 1983 and 1984. Activity for first year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	3	10.0	0		0		1	5.0	1	3.7	1	10.0	6	5.0
Homemaking	0		1	5.9	0		1	5.0	0		0		2	1.7
Blue Collar	5	17.0	3	17.7	0		4	20.0	5	18.5	1	10.0	18	14.9
White Collar	2	7.0	0		1	5.9	1	5.0	1	3.7	0		5	4.1
Mgt. Prof.	0		0		0		0		0		0		0	
Military	2	7.0	0		0		0		0		0		2	1.7
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	7	23.0	6	35.3	8.	47.1	3	15.0	14	51.9	4	40.0	42	34.7
2 Yr Coll	8	27.0	6	35.3	2	11.8	2	10.0	4	14.8	3	30.0	25	20.7
Voc Tech	1	3.3	1	5.9	3	17.7	6	30.0	1	3.7	1	10.0	13	10.7
Proprietary	0		0		1	5.9	2	10.0	1	3.7	0		4	3.3
Other Trng	0		0		0		0		0		0		0	
Unemployed	2	7.0	0		0		0		0		0		2	1.7
Unknown	0		0		2	11.8	0		0		0		2	1.7
	30		17		17		20		27		10		121	

Appendix 10-3: Graduates from third quarter (rank in class), 1981, 1982, 1983 and 1984. Activity for first year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	4	12.1	0		1	5.0	1	4.3	5	17.9	0		11	8.3
Homemaking	2	6.1			1	5.0	0		0		0		3	2.3
Blue Collar	6	18.2	5	29.4	5	25.0	9	39.1	7	25.0	2	18.2	34	25.8
White Collar	0		0		0		2	8.7	0		0		2	1.6
Mgt. Prof.	1	3.0	0		0		0		0		0		1	0.8
Military	0		0		0		0		1	3.6	0		1	0.8
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	10	30.3	3	17.6	5	25.0	8	34.8	6	21.4	5	45.5	37	28.0
2 Yr Coll	2	6.1	7	41.2	1	5.0	1	4.3	3	10.7	4	36.4	18	13.6
Voc Tech	0		2	11.8	0		1	4.3	1	3.6	0		4	3.0
Proprietary	3	9.1	0		3	15.0	1	4.3	0		0		7	5.3
Other Trng	0		0		0		0		0		0		0	
Unemployed	3	9.1	0		0		0		0		0		3	2.3
Unknown	2	6.1	0		4	20.0	0		5	17.9	0		11	8.3
	33		17		20		23		28		11		132	

Appendix 10-4: Graduates from fourth quarter (rank in class), 1981, 1982, 1983 and 1984. Activity for first year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	3	10.0	0		0		1	5.0	7	24.1	4	44.4	15	12.2
Homemaking	3	10.0	1	6.3	2	10.5	0		0		0		6	4.9
Blue Collar	10	33.3	6	37.5	10	52.6	8	40.0	8	27.6	1	11.1	43	35.0
White Collar	1	3.3	2	12.5	1	5.3	1	5.0	1	3.5	0		6	4.9
Mgt. Prof.	0		0		0		0		0		0		0	
Military	1	3.3	0		2	10.5	0		0		0		3	2.4
Deceased	1	3.3	0		0		0		0		0		1	0.8
4 Yr Coll	3	10.0	2	12.5	0		4	20.0	7	24.1	3	33.3	19	15.4
2 Yr Coll	3	10.0	1	6.3	0		0		1	3.5	0		5	4.1
Voc Tech	2	6.7	1	6.3	1	5.3	3	15.0	4	13.8	0		11	8.9
Proprietary	0		2	12.5	0		0		0		0		2	1.6
Other Trng	0		0		1	5.3	0		0		0		1	0.8
Unemployed	1	3.3	1	6.3	0		1	5.0	0		1	11,1	4	3.3
Unknown	2	6.7	0		2	10.5	2	10.0	1	3.5	0		7	5.7
	30		16		19		20		29		9		123	

APPENDICES 11A to 11F

School A to School F graduates, 1981, 1982, 1983. Activity second year past graduation by rank in graduating class

Appendix 11A: School A graduates, 1981, 1982 and 1983. Activity second year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	3	13.6	2	8.3	2	9.5	7	7.6
Homemaking	1	4.0	1	4.6	2	8.3	2	9.5	6	6.5
Blue Collar	1	4.0	6	27.3	5	20.8	8	38.1	20	21.7
White Collar	4	16.0	0	0.0	3	12.5	3	14.3	10	10.9
Mgt. Prof	0	0.0	0	0.0	1	4.2	0	0.0	1	1.1
Military	1	4.0	2	9.1	0	0.0	0	0.0	3	3.3
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	15	60.0	5	22.7	5	20.8	1	4.8	26	28.3
2 Yr Coll	1	4.0	3	13.6	2	8.3	0	0.0	6	6.5
Voc Tech	1	4.0	0	0.0	0	0.0	1	4.8	2	2.2
Proprietary	1	4.0	0	0.0	0	0.0	0	0.0	1	1.1
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	2	9.1	2	8.3	2	9.5	6	6.5
Missing	0	0.0	0	0.0	2	8.3	2	9.5	4	4.4
	25		22		24		21		92	

Appendix 11B: School B graduates, 1981, 1982 and 1983. Activity second year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	0	0.0	1	8.3	1	1.9
Homemaking	3	20.0	1	8.3	0	0.0	0	0.0	4	7.7
Blue Collar	1	6.7	1	8.3	5	38.5	7	58.3	14	26.9
White Collar	0	0.0	1	8.3	0	0.0	1	8.3	2	3.9
Mgt. Prof	1	6.7	0	0.0	0	0.0	0	0.0	1	1.9
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	6	40.0	3	25.0	4	30.8	3	25.0	16	30.8
2 Yr Coll	4	26.7	6	50.0	3	23.1	0	0.0	13	25.0
Voc Tech	0	0.0	0	0.0	1	7.7	0	0.0	1	1.9
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	15		12		13		12		52	

Appendix 11C: School C graduates, 1981, 1982 and 1983. Activity second year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	1	6.7	0	0.0	1	1.6
Homemaking	3	17.7	1	6.7	2	13.3	3	18.8	9	14.3
Blue Collar	0	0.0	3	20.0	5	33.3	6	37.5	14	22.2
White Collar	1	5.9	1	6.7	0	0.0	0	0.0	2	3.2
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	1	5.9	1	6.7	0	0.0	2	12.5	4	6.4
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	12	70.6	6	40.0	3	20.0	0	0.0	21	33.3
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	1	6.7	1	6.7	0	0.0	2	3.2
Other Trng	0	0.0	0	0.0	0	0.0	1	6.3	1	1.6
Unemployed	0	0.0	1	6.7	0	0.0	2	12.5	3	4.8
Missing	0	0.0	1	6.7	3	20.0	2	12.5	6	9.5
	17		15		15		16		63	

Appendix 11D: School D graduates, 1981, 1982 and 1983. Activity second year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	1	6.7	0	0.0	1	6.7	2	3.0
Homemaking	0	0.0	1	6.7	0	0.0	0	0.0	1	1.5
Blue Collar	4	22.2	6	40.0	10	55.6	6	40.0	26	39.4
White Collar	2	11.1	1	6.7	1	5.6	1	6.7	5	7.6
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	11	61.1	2	13.3	5	27.8	2	13.3	20	30.3
2 Yr Coll	0	0.0	1	6.7	1	5.6	0	0.0	2	3.0
Voc Tech	0	0.0	2	13.3	0	0.0	3	20.0	5	7.6
Proprietary	0	0.0	0	0.0	1	5.6	0	0.0	1	1.5
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	1	5.6	1	6.7	0	0.0	2	13.3	4	6.1
	18		15		18		15		66	

Appendix 11E: School E graduates, 1981, 1982 and 1983. Activity second year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	5	20.8	7	30.4	12	12.9
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	4	17.4	6	26.1	7	29.1	9	39.1	26	28.0
White Collar	1	4.4	3	13.0	0	0.0	1	4.4	5	5.4
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	1	4.2	0	0.0	1	1.1
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	14	60.9	12	52.2	5	20.8	5	21.7	36	38.7
2 Yr Coll	0	0.0	1	4.4	1	4.2	0	0.0	2	2.2
Voc Tech	4	17.4	0	0.0	1	4.2	0	0.0	5	5.4
Proprietary	0	0.0	1	4.4	0	0.0	0	0.0	1	1.1
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	4	16.7	1	4.4	5	5.4
	23		23		24		23		93	

Appendix 11F: School F graduates, 1981, 1982 and 1983. Activity second year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	2	16.7	1	10.0	0	0.0	4	50.0	7	17.5
Homemaking	1	8.3	0	0.0	0	0.0	0	0.0	1	2.5
Blue Collar	1	8.3	2	20.0	1	10.0	2	25.0	6	15.0
White Collar	0	0.0	0	0.0	1	10.0	0	0.0	1	2.5
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	1	8.3	0	0.0	0	0.0	0	0.0	1	2.5
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	4	33.3	3	30.0	3	30.0	1	12.5	11	27.5
2 Yr Coll	3	25.0	2	20.0	4	40.0	0	0.0	9	22.5
Voc Tech	0	0.0	0	0.0	0	0.0	1	12.5	1	2.5
Proprietary	0	0.0	1	10.0	0	0.0	0	0.0	1	2.5
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	1	10.0	1	10.0	0	0.0	2	5.0
	12		10		10		8		40	

APPENDICES 11-1 to 11-4

Graduates from the first, second, third, and fourth quarters 1981, 1982, 1983. Activity for second year past graduation by high school attended

Appendix 11-1: Graduates from first quarter (rank in class), 1981, 1982, and 1983. Activity for second year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	0	0	0	0	0	2 16.7	2 1.8
Homemaking	1 4.0	3 21.4	3 17.7	0	0	1 8.3	8 7.3
Blue Collar	1 4.0	1 7.1	0	4 22.2	4 17,4	1 8.3	11 10.1
White Collar	4 16.0	0	1 5.8	2 11.1	1 4.4	0	8 7.3
Mgt. Prof.	0	0	0	0	0	0	0
Military	1 4.0	0	1 5.8	0	0	1 8.3	3 2,8
Deceased	0	0	0	0	0	0	0
4 Yr Coll	15 60.0	6 42.9	12 70.6	11 61.1	14 60.9	4 33.3	62 56.9
2 Yr Coll	1 4.0	4 28.6	0	0	0	3 25.0	8 7.3
Voc Tech	1 4.0	0	0	0	4 17.4	0	5 4.6
Proprietary	1 4.0	0	0	0	0	0	1 0.9
Other Trng	0	0	0	0	0	0	0
Unemployed	0	0	0	0	0	0	0
Unknown	0	0	0	1 5.6	0	0	1 0.9
	25	14	17	18	23	12	109

Appendix 11-2: Graduates from second quarter (rank in class) 1981 1982 and 1983. Activity for second year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	3	13.6	0		0		1	6.7	0		1	11.1	5	5.2
Homemaking	1	4.5	1	6.7	1	7.7	1	6.7	0		0		4	4.1
Blue Collar	6	27.3	1	6.7	3	23.1	6	40.0	6	26.1	2	22.2	24	24.7
White Collar	0		1	6.7	1	7.7	1	6.7	3	13.0	0		6	6.2
Mgt. Prof.	0		1	6.7	0		0		0		0		1	1.0
Military	2	9.1	1	6.7	0		0		0		0		3	3.1
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	5	22.7	3	20.0	6	46.2	2	13.3	12	52.2	3	33,3	31	32,0
2 Yr Coll	3	13.6	6	40.0	0		1	6.7	1	4.3	2	22.2	13	13,4
Voc Tech	0		0		0		2	13.3	0		0		2	2.1
Proprietary	0		0		1	7.7	0		1	4.3	0		2	2.1
Other Trng	0		0		0		0		0		0		0	
Unemployed	2	9.1	0		1	7.7	0		0		0		3	3.1
Unknown	0		1	6.7	0		1	6.7	0		1	11,1	3	3.1
	22		15		13		15		23		9		97	

Appendix 11-3: Graduates from third quarter (rank in class), 1981, 1982 and 1983. Activity for second year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	2	8.3	0		1	6.7	0		5	20.8	0		8	7.7
Homemaking	2	8.3	0		2	13.3	0		0		0		4	3.8
Blue Collar	5	20.8	5	38.5	5	33.3	10	55.6	7	29.2	1	10.0	33	31.7
White Collar	3	12.5	0		0		1	5.6	0		1	10.0	5	4.8
Mgt. Prof.	1	4.2	0		0		0		0		0		1	1.0
Military	0		0		0		0		1	4.2	0		1	1.0
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	5	20.8	4	30.7	3	20.0	5	27.8	5	20.8	3	30.0	25	24.0
2 Yr Coll	2	8.3	3	23.1	0		1	5.6	1	4.2	4	40.0	11	10.6
Voc Tech	0		1	7.7	0		0		1	4.2	0		2	1.9
Proprietary	0		0		1	6.7	1	5.6	0		0		2	1.9
Other Trng	0		0		0		0		0		0		0	
Unemployed	2	8.3	0		0		0		0		0		2	1.9
Unknown	2	8.3	0		3	20.0	0		4	16.7	1	10.0	10	10.0
	24		13		15		18		24		10		104	

Appendix 11-4: Graduates from fourth quarter (rank in class), 1981, 1982 and 1983. Activity for second year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	2	9.5	1	8.3	0		1	6.7	7	30.4	4	50.0	15	15.8
Homemaking	2	9.5	0		3	18.8	0		0		0		5	5.3
Blue Collar	8	38.1	7	58.3	6	37.5	6	40.0	9	39.1	2	25.0	38	40.0
White Collar	3	14.3	1	8.3	0		1	6.7	1	4.3	0		6	6.3
Mgt. Prof.	0		0		0		0		0		0		0	
Military	0		0		2	12.5	0		0		0		2	2.1
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	1	4.8	3	25.0	0		2	13.3	5	21.7	1	12.5	12	12.6
2 Yr Coll	0		0		0		0		0		0		0	
Voc Tech	1	4.8	0		0		3	20.0	0		1	12,5	5	5.3
Proprietary	0		0		0		0		0		0		0	
Other Trng	0		0		1	6.3	0		0		0		1	1.1
Unemployed	2	9.5	0		2	12.5	0		0		0		4	4.2
Unknown	2	9,5	0		2	12,5	2	13.3	1	4.3	0		7	7.4
	21		12		16		15		23		8		95	

APPENDICES 12A to 12F

School A to School F graduates, 1981, 1982. Activity third year past graduation by rank in graduating class

Appendix 12A: School A graduates, 1981, 1982. Activity third year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	4	26.7	1	6.3	2	13.3	7	10.9
Homemaking	1	5.6	0	0.0	2	12.5	3	20.0	6	9.4
Blue Collar	1	5.6	5	33.3	4	25.0	5	33.3	15	23.4
White Collar	3	16.7	0	0.0	3	18.8	0	0.0	6	9.4
Mgt. Prof	0	0.0	0	0.0	1	6.3	0	0.0	1	1.6
Military	0	0.0	1	6.7	0	0.0	0	0.0	1	1.6
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	12	66.7	4	26.7	1	6.3	0	0.0	17	26.6
2 Yr Coll	1	5.6	1	6.7	0	0.0	0	0.0	2	3.1
Voc Tech	0	0.0	0	0.0	0	0.0	1	6.7	1	1.6
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	3	18.8	2	13.3	5	7.8
Missing	0	0.0	0	0.0	1	6.3	2	13.3	3	4.7
	18		15		16		15		64	

Appendix 12B: School B graduates, 1981, 1982. Activity third year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	0	0.0	1	14.3	1	2.9
Homemaking	3	30.0	1	11.1	0	0.0	0	0.0	4	11.4
Blue Collar	2	20.0	2	22.2	5	55.6	5	71.4	14	40.0
White Collar	0	0.0	0	0.0	0	0.0	1	14.3	1	2.9
Mgt. Prof	0	0.0	1	11.1	1	11.1	0	0.0	2	5.7
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	4	40.0	3	33.3	2	22.2	0	0.0	9	25.7
2 Yr Coll	1	10.0	1	11.1	1	11.1	0	0.0	3	8.6
Voc Tech	0	0.0	1	11.1	0	0.0	0	0.0	1	2.9
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	10		9		9		7		35	

Appendix 12C: School C graduates, 1981 and 1982. Activity third year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	1	10.0	0	0.0	1	2.3
Homemaking	1	8.3	1	10.0	2	20.0	2	18.2	6	14.0
Blue Collar	0	0.0	2	20.0	4	40.0	5	45.5	11	25.6
White Collar	1	8.3	1	10.0	0	0.0	0	0.0	2	4.7
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	1	8.3	1	10.0	0	0.0	0	0.0	2	4.7
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	9	75.0	3	30.0	2	20.0	0	0.0	14	32.6
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	1	10.0	1	10.0	0	0.0	2	4.7
Other Trng	0	0.0	0	0.0	0	0.0	1	9.1	1	2.3
Unemployed	0	0.0	0	0.0	0	0.0	1	9.1	1	2.3
Missing	0	0.0	1	10.0	0	0.0	2	18.2	3	7.0
	12		10		10		11		43	

Appendix 12D: School D graduates, 1981 and 1982. Activity third year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	1	11.1	0	0.0	1	11.1	2	5.0
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	1	9.1	5	55.6	5	45.5	4	44.4	15	37.5
White Collar	1	9.1	1	11.1	2	18.1	1	11.1	5	12.5
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	8	72.7	2	22.2	4	36.4	2	22.2	16	40.0
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	1	9.1	0	0.0	0	0.0	1	11.1	2	5.0
	11		9		11		9		40	

Appendix 12E: School E graduates, 1981 and 1982. Activity third year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	5	31.3	4	28.6	9	14.3
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	2	11.8	4	25.0	6	37.5	7	50.0	19	30.2
White Collar	3	17.6	3	18.8	0	0.0	1	7.1	7	11.1
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	12	70.6	9	56.3	4	25.0	2	14.3	27	42.9
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	1	6.3	0	0.0	1	1.6
	17		16		16		14		63	

Appendix 12F: School F graduates, 1981 and 1982. Activity third year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	1	14.3	1	20.0	0	0.0	1	25.0	3	14.3
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	1	14.3	1	20.0	1	20.0	1	25.0	4	19.0
White Collar	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mgt. Prof	1	14.3	0	0.0	0	0.0	0	0.0	1	4.8
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	3	42.9	2	40.0	4	80.0	1	25.0	10	47.6
2 Yr Coll	1	14.3	0	0.0	0	0.0	0	0.0	1	4.8
Voc Tech	0	0.0	0	0.0	0	0.0	1	25.0	1	4.8
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	1	20.0	0	0.0	0	0.0	1	4.8
	7		5		5		4		21	

APPENDICES 12-1 to 12-4

Graduates from the first, second, third, and fourth quarters, 1981, 1982. Activity for third year past graduation by high school attended

Appendix 12-1: Graduates from first quarter (rank in class), 1981 and 1982. Activity for third year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	0	0	0	0	0	1 14.3	1 1.3
Homemaking	1 5.6	3 30.0	1 8.3	0	0	0	5 6.7
Blue Collar	1 5.6	2 20.0	0	1 9.0	2 11.8	1 14.3	7 9.3
White Collar	3 16.7	0	1 8.3	1 9.0	3 17.6	0	8 10.7
Mgt. Prof.	0	0	0	0	0	1 14.3	1 1.3
Military	0	0	1 8.3	0	0	0	1 1.3
Deceased	0	0	0	0	0	0	0
4 Yr Coll	12 66.7	4 40.0	9 75.0	8 72.8	12 70.6	3 42.9	48 64.0
2 Yr Coll	1 5.6	1 10.0	0	0	0	1 14.3	3 4.0
Voc Tech	0	0	0	0	0	0	0
Proprietary	0	0	0	0	0	0	0
Other Trng	0	0	0	0	0	0	0
Unemployed	0	0	0	0	0	0	0
Unknown	0	0	0	1 9.0	0	0	1 1.3
	18	10	12	11	17	7	75

Appendix 12-2: Graduates from second quarter (rank in class), 1981 and 1982. Activity for third year following graduation from high school by high school attended (N and column percentages)

	School A		School B		School C		School D		School E		School F		Total	
Farming	4	26.7	0		0		1	11.1	0		1	20.0	6	9.4
Homemaking	0		1	11.1	1	10.0	0		0		0		2	3.1
Blue Collar	5	33.3	2	22.2	2	20.0	5	55.6	4	25.0	1	20.0	19	29.7
White Collar	0		0		1	10.0	1	11.1	3	18.8	0		5	7.8
Mgt. Prof.	0		1	11.1	0		0		0		0		1	1.6
Military	1	6.7	0		1	10.0	0		0		0		2	3.1
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	4	26.7	3	33.3	3	30.0	2	22.2	9	56.3	2	40.0	23	35.9
2 Yr Coll	1	6.7	1	11.1	0		0		0		0		2	3.1
Voc Tech	0		1	11.1	0		0		0		0		1	1.6
Proprietary	0		0		1	10.0	0		0		0		1	1.6
Other Trng	0		0		0		0		0		0		0	
Unemployed	0		0		0		0		0		0		0	
Unknown	0		0		1	10.0	0		0		1	20.0	2	3.1
	15		9		10		9		16		5		64	

Appendix 12-3: Graduates from third quarter (rank in class), 1981 and 1982. Activity for third year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	1 7.7	0	1 10.0	0	5 31.3	0	7 10.8
Homemaking	2 15.4	0	2 20.0	0	0	0	4 6.1
Blue Collar	4 30.8	5 55.6	4 40.0	5 45.5	6 37.5	1 16.7	25 38.5
White Collar	3 23.1	0	0	2 18.2	0	0	5 7.7
Mgt. Prof.	1 7.7	1 11.1	0	0	0	0	2 3.1
Military	0	0	0	0	0	0	0
Deceased	0	0	0	0	0	0	0
4 Yr Coll	1 7.7	2 22.2	2 20.0	4 36.3	4 25.0	4 66.7	17 26.2
2 Yr Coll	0	1 11.1	0	0	0	1 16.7	2 3.1
Voc Tech	0	0	0	0	0	0	0
Proprietary	0	0	1 10.0	0	0	0	1 1.5
Other Trng	0	0	0	0	0	0	0
Unemployed	0	0	0	0	0	0	0
Unknown	1 7.7	0	0	0	1 6.3	0	2 3.1
	13	9	10	11	16	1	65

Appendix 12-4: Graduates from fourth quarter (rank in class), 1981 and 1982. Activity for third year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	2 13.3	1 14.3	0	1 11.1	4 28.6	1 25.0	9 15.0
Homemaking	3 20.0	0	2 18.2	0	0	0	5 8.3
Blue Collar	5 33.3	5 71.4	5 45.5	4 44.4	7 50.0	1 25.0	27 45.0
White Collar	0	1 14.3	0	1 11.1	1 7.1	0	3 5.0
Mgt. Prof.	0	0	0	0	0	0	0
Military	0	0	0	0	0	0	0
Deceased	0	0	0	0	0	0	0
4 Yr Coll	0	0	0	2 22.2	2 14.3	1 25.0	5 8.3
2 Yr Coll	0	0	0	0	0	0	0
Voc Tech	1 6.7	0	0	0	0	1 25.0	2 3.3
Proprietary	0	0	0	0	0	0	0
Other Trng	0	0	1 9.1	0	0	0	1 1.7
Unemployed	2 13.3	0	1 9.1	0	0	0	3 5.0
Unknown	2 13.3	0	2 18.2	1 11.1	0	0	5 8.3
	15	7	11	9	14	4	60

APPENDICES 13A to 13F

School A to School F graduates, 1981. Activity fourth year past graduation by rank in graduating class

Appendix 13A: School A graduates, 1981. Activity fourth year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	2	20.0	0	0.0	1	11.1	3	8.3
Homemaking	1	11.1	0	0.0	1	12.5	3	33.3	5	13.9
Blue Collar	1	11.1	3	30.0	2	25.0	3	33.3	9	25.0
White Collar	1	11.1	1	10.0	3	37.4	0	0.0	5	13.9
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	1	10.0	0	0.0	0	0.0	1	2.7
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	5	55.6	2	20.0	0	0.0	0	0.0	7	19.4
2 Yr Coll	1	11.1	1	10.0	0	0.0	0	0.0	2	5.6
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	1	12.5	1	11.1	2	5.6
Missing	0	0.0	0	0.0	1	12.5	1	11.1	2	5.6
	9		10		8		9		36	

Appendix 13B: School B graduates, 1981. Activity fourth year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Homemaking	1	20.0	0	0.0	0	0.0	0	0.0	1	5.3
Blue Collar	2	40.0	1	20.0	3	60.0	2	50.0	8	42.1
White Collar	0	0.0	1	20.0	0	0.0	1	25.0	2	10.5
Mgt. Prof	1	20.0	0	0.0	1	20.0	0	0.0	2	10.5
Military	0	0.0	0	0.0	0	0.0	1	25.0	1	5.3
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	1	20.0	1	20.0	1	20.0	0	0.0	3	15.8
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	1	20.0	0	0.0	0	0.0	1	5.3
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	1	20.0	0	0.0	0	0.0	1	5.3
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	5		5		5		4		19	

Appendix 13C: School C graduates, 1981. Activity fourth year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	1	25.0	0	0.0	1	5.6
Homemaking	0	0.0	0	0.0	1	25.0	1	20.0	2	11.1
Blue Collar	0	0.0	2	50.0	1	25.0	2	40.0	5	27.8
White Collar	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	1	20.0	0	0.0	0	0.0	0	0.0	1	5.6
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	4	80.0	1	25.0	0	0.0	0	0.0	5	27.8
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	0	0.0	1	25.0	0	0.0	1	5.6
Other Trng	0	0.0	0	0.0	0	0.0	1	20.0	1	5.6
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	1	25.0	0	0.0	1	20.0	2	11.1
	5		4		4		5		18	

Appendix 13D: School D graduates, 1981. Activity fourth year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	1	25.0	0	0.0	0	0.0	1	5.6
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	0	0.0	2	50.0	2	20.0	1	25.0	5	27.8
White Collar	0	0.0	1	25.0	1	40.0	1	25.0	3	16.7
Mgt. Prof	1	20.0	0	0.0	0	0.0	0	0,0	1	5.6
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	3	60.0	0	0.0	1	20.0	1	25.0	5	27.8
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	1	20.0	0	0.0	1	5.6
Missing	1	20.0	0	0.0	0	0.0	1	25.0	2	11.1
	5		4		5		4		18	

Appendix 13E: School E graduates, 1981. Activity fourth year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	0	0.0	5	41.7	3	37.5	8	19.0
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	1	9.1	4	36.4	4	33.3	5	62.5	14	33.3
White Collar	2	18.2	3	27.3	0	0.0	0	0.0	5	11.9
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	1	8.3	0	0.0	1	2.4
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	8	72.7	4	36.4	2	16.7	0	0.0	14	33.3
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	11		11		12		8		42	

Appendix 13F: School F graduates, 1981. Activity fourth year past graduation by rank in graduating class (N and column %).

	1st Q		2nd Q		3rd Q		4th Q		Total	
Farming	0	0.0	1	33.3	0	0.0	0	0.0	1	9.1
Homemaking	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Blue Collar	1	25.0	1	33.3	1	50.0	2	100.0	5	45.4
White Collar	1	25.0	0	0.0	0	0.0	0	0.0	1	9.1
Mgt. Prof	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Military	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deceased	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4 Yr Coll	2	50.0	1	33.3	1	50.0	0	0.0	4	36.4
2 Yr Coll	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Voc Tech	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Proprietary	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Trng	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unemployed	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Missing	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	4		3		2		2		11	

APPENDICES 13-1 to 13-4

Graduates from the first, second, third, and fourth quarters, 1981. Activity for fourth year past graduation by high school attended

Appendix 13-1: Graduates from first quarter (rank in class), 1981. Activity for fourth year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	0	0	0	0	0	0	0
Homemaking	1 11.1	1 20.0	0	0	0	0	2 5.1
Blue Collar	1 11.1	2 40.0	0	0	1 9.1	1 25.0	5 12.8
White Collar	1 11.1	0	0	0	2 18.2	1 25.0	4 10.3
Mgt. Prof.	0	1 20.0	0	1 20.0	0	0	2 5.1
Military	0	0	1 2.0	0	0	0	1 2.6
Deceased	0	0	0	0	0	0	0
4 Yr Coll	5 55.6	1 20.0	4 80.0	3 60.0	8 72.7	2 50.0	23 59.0
2 Yr Coll	1 11.1	0	0	0	0	0	1 2.6
Voc Tech	0	0	0	0	0	0	0
Proprietary	0	0	0	0	0	0	0
Other Trng	0	0	0	0	0	0	0
Unemployed	0	0	0	0	0	0	0
Unknown	0	0	0	1 20.0	0	0	1 2.6
	9	5	5	5	11	4	39

Appendix 13-2: Graduates from second quarter (rank in class), 1981. Activity for fourth year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	2 28.6	0	0	1 25.0	0	1 33.3	4 11.4
Homemaking	0	0	0	0	0	0	0
Blue Collar	0	1 20.0	2 40.	2 50.0	4 36.4	1 33.3	10 28.6
White Collar	1 14.3	1 20.0	0	1 25.0	3	0	6 17.1
Mgt. Prof.	0	0	0	0	0	0	0
Military	1 14.3	0	0	0	0	0	1 2.9
Deceased	0	0	0	0	0	0	0
4 Yr Coll	2 28.6	1 20.0	1 20.0	0	4 36.3	1 33.3	9 25.7
2 Yr Coll	1 14.3	0	0	0	0	0	1 2.9
Voc Tech	0	1 20.0	0	0	0	0	1 2.9
Proprietary	0	0	0	0	0	0	0
Other Trng	0	1 20.0	0	0	0	0	1 2.9
Unemployed	0	0	0	0	0	0	0
Unknown	0	0	2 40.0	0	0	0	2 5.7
	7	5	5	4	11	3	35

Appendix 13-3: Graduates from third quarter (rank in class), 1981. Activity for fourth year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	0	0	1 25.0	0	5 41.7	0	6 16.7
Homemaking	1 12.5	0	1 25.0	0	0	0	2 5.6
Blue Collar	2 25.0	3 60.0	1 25.0	2 40.0	4 33.3	1 50.0	13 36.1
White Collar	3 37.5	0	0	1 20.0	0	0	4 11.1
Mgt. Prof.	0	1 20.0	0	0	0	0	1 2.8
Military	0	0	0	0	1 8.3	0	1 2.8
Deceased	0	0	0	0	0	0	0
4 Yr Coll	0	1 20.0	0	1 20.0	2 16.7	1 50.0	5 13.9
2 Yr Coll	0	0	0	0	0	0	0
Voc Tech	0	0	0	0	0	0	0
Proprietary	0	0	1 25.0	0	0	0	1 2.8
Other Trng	0	0	0	0	0	0	0
Unemployed	1 12.5	0	0	1 20.0	0	0	2 5.6
Unknown	1 12.5	0	0	0	0	0	1 2.8
	8	5	4	5	12	2	36

Appendix 13-4: Graduates from fourth quarter (rank in class), 1981. Activity for fourth year following graduation from high school by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	1 11.1	0	0	0	3 37.5	0	4 12.5
Homemaking	3 33.3	0	1 20.0	0	0	0	4 12.5
Blue Collar	3 33.3	2 50.0	2 40.0	1	5 62.5	2 100.0	15 46.9
White Collar	0	1 25.0	0	1	0	0	2 6.3
Mgt. Prof.	0	0	0	0	0	0	0
Military	0	1 25.0	0	0	0	0	1 3.1
Deceased	0	0	0	0	0	0	0
4 Yr Coll	0	0	0	1	0	0	1 3.1
2 Yr Coll	0	0	0	0	0	0	0
Voc Tech	0	0	0	0	0	0	0
Proprietary	0	0	0	0	0	0	0
Other Trng	0	0	1 20.0	0	0	0	1 3.1
Unemployed	1 11.1	0	0	0	0	0	1 3.1
Unknown	1 11.1	0	1 20.0	1 25.0	0	0	3 9.4
	9	4	5	4	8	2	32

APPENDICES 14-1 to 14-4

All graduates. Summary of activities for first, second, third, and fourth years following graduation by high school attended

Appendix 14-1: Graduates 1981, 1982, 1983 and 1984. Summary of activities for first year following graduation by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	10	7.9	0		1	1.3	3	3.4	13	11.7	7	16.3	34	6.6
Homemaking	6	4.7	4	5.9	5	6.5	1	1.1	0		0		16	3.1
Blue Collar	22	17.3	15	22.1	16	20.8	24	27.6	23	20.7	5	11.6	105	20.5
White Collar	5	3.9	2	2.9	2	2.6	6	6.9	3	2.7	0		18	3.5
Mgt. Prof.	1	0.8	0		0		0		0		0		1	0.2
Military	4	3.1	0		3	3.9	0		1	0.9	0		8	1.6
Deceased	1	0.8	0		0		0		0		0		1	0.2
4 Yr Coll	41	32.3	22	32.4	25	32.5	29	33.3	43	38.7	18	41.9	178	34.7
2 Yr Coll	17	13.4	17	25.0	6	7.8	4	4.6	11	9.9	11	25.6	66	12.9
Voc Tech	4	3.1	5	7.4	6	7.8	11	12.6	9	8.1	1	2.3	36	7.0
Proprietary	6	4.7	2	2.9	4	5.2	4	4.6	2	1.8	0		18	3.5
Other Trng	0		0		1	1.3	0		0		0		1	0.2
Unemployed	6	4.7	1	1.5	0		2	2.3	0		1	2.3	10	1.9
Unknown	4	3.1	0		8	10.4	3	3.4	6	5.4	0		21	4.1
	127		68		77		87		111		43		513	

Appendix 14-2: Graduate, 1981, 1982 and 1983. Summary of activities for second year following graduation from high school by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	7	8.6	1	2.0	1	1.7	2	3.2	12	13.5	7	21.2	30	8.0
Homemaking	6	7.4	4	7.8	9	15.0	1	1.6	0		1	3.0	21	5.6
Blue Collar	20	24.7	14	27.5	14	23.3	26	41.9	26	29.2	6	18.2	106	28.2
White Collar	3	3.7	1	2.0	0		1	1.6	1	1.1	0		6	1.6
Mgt. Prof.	1	1.2	1	2.0	0		0		0		0		2	0.5
Military	3	3.7	0		4	6.7	0		1	1.1	1	3.0	9	2.4
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	26	32.1	16	31.4	21	35.0	20	32.3	36	40.4	11	33.3	130	34.6
2 Yr Coll	6	7.4	13	25.5	0		2	3.2	2	2.2	4	12.1	27	7.2
Voc Tech	2	2.5	1	2.0	0		5	8.1	5	5.6	1	3.0	14	3.7
Proprietary	1	1.2	0		2	3.3	1	1.6	1	1.1	0		5	1.3
Other Trng	0		0		1	1.7	0		0		0		1	0.3
Unemployed	2	2.5	0		2	3.3	0		0		0		4	0.8
Unknown	4	4.9	0		6	10.0	4	6.5	5	5.6	2	6.1	21	5.6
	81		51		60		62		89		33		376	

Appendix 14-3: Graduates, 1981 and 1982. Summary of activities for third year following graduation by high school attended (N and column percentages).

	School A		School B		School C		School D		School E		School F		Total	
Farming	7	10.9	1	2.9	1	2.3	2	5.0	9	14.3	3	14.3	23	8.6
Homemaking	6	9.4	4	11.4	6	14.0	0		0		0		16	6.0
Blue Collar	15	23.4	14	40.0	11	25.6	15	37.5	19	30.2	4	19.0	78	29.3
White Collar	6	9.4	1	2.9	2	4.7	5	12.5	7	11.1	0		21	7.9
Mgt. Prof.	1	1.6	2	5.7	0		0		0		1	4.8	4	1.5
Military	1	1.6	0		2	4.7	0		0		0		3	1.1
Deceased	0		0		0		0		0		0		0	
4 Yr Coll	17	26.6	9	25.7	14	32.6	16	40.0	27	42.9	10	47.6	93	35.0
2 Yr Coll	2	3.1	3	8.6	0		0		0		1	4.8	6	2.3
Voc Tech	1	1.6	1	2.9	0		0		0		1	4.8	3	1.1
Proprietary	0		0		2	4.7	0		0		0		2	0.8
Other Trng	0		0		1	2.3	0		0		0		1	0.4
Unemployed	5	7.8	0		1	2.3	0		0		0		6	2.3
Unknown	3	4.7	0		3	7.0	2	5.0	1	1.6	1	4.8	10	3.8
	64		35		43		40		63		21		266	

Appendix 14-4: Graduates, 1981. Summary of activities for fourth year following graduation by high school attended (N and column percentages).

	School A	School B	School C	School D	School E	School F	Total
Farming	3 8.3	0	1 5.6	1 5.6	8 19.0	1 9.1	14 9.7
Homemaking	5 13.9	1 5.3	2 11.1	0	0	0	8 5.6
Blue Collar	9 25.0	8 42.1	5 27.8	5 27.8	14 33.3	5 45.5	46 31.9
White Collar	5 13.9	2 10.5	0	3 16.7	5 11.9	1 9.1	16 11.1
Mgt. Prof.	0	2 10.5	0	1 5.6	0	0	3 2.1
Military	1 2.8	1 5.3	1 5.6	0	1 2.4	0	4 2.8
Deceased	0	0	0	0	0	0	0
4 Yr Coll	7 19.4	3 15.8	5 27.8	5 27.8	14 33.3	4 36.4	38 26.3
2 Yr Coll	2 5.6	0	0	0	0	0	2 1.4
Voc Tech	0	1 5.3	0	0	0	0	1 0.7
Proprietary	0	0	1 5.6	0	0	0	1 0.7
Other Trng	0	1 5.3	1 5.6	0	0	0	2 1.4
Unemployed	2 5.6	0	0	1 5.6	0	0	3 2.1
Unknown	25.6	0	2 11.1	2 1111	0	0	6 4.2
	36	19	18	18	42	11	144

APPENDICES 15-1 to 15-3

Graduates, all schools. Activity second, third, and fourth years following graduation by fathers' occupation

Appendix 15-1: Graduates, all schools, 1981, 1982, 1983. Activity second year after graduation from high school by father's occupation (N and row and column percentages).

Father's Occupation	Farming	Home-making	Blue Collar	White Collar	Mgt/ Prof	Military	Four Yr Coll	Two Yr Coll	Vo Tech	Pro-prietor	Other Training	Unempl	Totals
Farming	15.6	3.1	20.0	8.8	0.6	1.9	32.5	11.9	4.4	0.6		0.6	% of 354 45.2
	25 86.2	5 35.7	32 33.3	14 60.9	1 50.0	3 42.9	52 41.6	19 63.3	7 50.0	1 25.0	0	1 12.5	160
Blue Collar		7.5	38.3	7.5	0.9	2.8	29.0	5.6	2.8	0.9		4.7	30.2
	0	8 57.1	41 42.3	8 34.8	1 50.0	3 42.9	31 24.8	6 20.0	3 21.4	1 25.0	0	5 62.5	107
White Collar		25.0	25.0				50.0						1.1
	0	1 7.1	1 1.0	0	0	0	2 1.6	0	0	0	0	0	4
Mgt/Prof	3.6		21.4	1.8		1.8	57.1	7.1	3.6	1.8		1.8	15.8
	2 6.9	0	12 12.4	1 4.3	0	1 4.3	32 25.6	4 13.3	2 14.3	1 25.0	0	1 12.5	56
Military			50.0				50.0						0.6
	0	0	1 1.0	0	0	0	1 0.8	0	0	0	0	0	2
Deceased	33.3		33.3				33.3						1.7
	2 6.9	0	2 2.1	0	0	0	2 1.6	0	0	0	0	0	6
Retired			25.0				41.7		8.3	8.3	8.3	8.3	3.4
	0	0	3 3.1	0	0	0	5 4.0	0	1 7.1	1 25.0	1 100.0	1 12.5	12
Unemployed			71.4					14.3	14.3				2.0
	0	0	5 5.2	0	0	0	0	1 3.3	1 7.1	0	0	0	7
Totals	29 8.2	14 4.0	97 27.4	23 6.5	2 0.6	7 2.0	125 35.3	30 8.5	14 4.0	4 1.1	1 0.3	8 2.3	354

Chi-square 182.57 with 104 df; p < .0000

Appendix 15-2: Graduates, all schools, 1981, 1982. Activity third year after graduation from high school by father's occupation (N and row and column percentages).

Father's Occupation	Farming	Home making	Blue Collar	White Collar	Mgt/ Prof	Military	Four Yr Coll	Two Yr Coll	Vo Tech	Pro- prietor	Other Training	Unempl	Totals
Farming	17.1 18 81.8	3.8 4 40.0	24.8 26 34.7	9.5 10 50.0	1.9 2 50.0	1.0 1 25.0	35.2 37 41.6	4.8 5 83.3	1.9 2 66.7	0	0	0	% of 239 43.9 105
Blue Collar	2.8 2 9.1	8.3 6 60.0	41.7 30 40.0	9.7 7 35.0	1.4 1 25.0	2.8 2 50.0	27.8 20 22.5	0	0	0	0	5.6 4 100.0	30.1 72
White Collar	0	0	33.3 1 1.3	0	0	0	66.7 2 2.2	0	0	0	0	0	1.3 3
Mgt/Prof	2.3 1 4.5	0	23.3 10 13.3	4.7 2 10.0	0	2.3 1 25.0	62.8 27 30.3	2.3 1 16.7	2.3 1 33.3	0	0	0	18.0 43
Military	0	0	0	0	0	0	100.0 1 1.1	0	0	0	0	0	0.4 1
Deceased	33.3 1 4.5	0	0	0	33.3 1 25.0	0	33.3 1 1.1	0	0	0	0	0	1.3 3
Retired	0	0	55.6 5 6.7	11.1 1 5.0	0	0	11.1 1 1.1	0	0	11.1 1 100.0	11.1 1 100.0	0	3.8 9
Unemployed	0	0	100.0 3 4.0	0	0	0	0	0	0	0	0	0	1.3 3
Totals	22 9.2	10 4.2	75 31.4	20 8.4	4 1.7	4 1.7	89 2.5	6 2.5	3 1.3	1 0.4	1 0.4	4 1.7	239

Chi-square 181.64 with 104 df; p <.0000

Appendix 15-3: Graduates, all schools, 1981. Activity fourth year after graduation from high school by father's occupation (N and row and column percentages).

Father's Occupation	Farming	Home making	Blue Collar	White Collar	Mgt/ Prof	Military	Four Yr Coll	Two Yr Coll	Vo Tech	Other Training	Unempl	Totals
Farming	21.4 12 92.3	1.8 1 20.0	26.8 15 33.3	17.9 10 62.5	1.8 1 33.3	1.8 1 25.0	23.2 13 36.1	1.8 1 50.0	1.8 1 100.0	1.8 1 50.0	0	% of 128 56 43.3
Blue Collar	2.6 1 7.7	7.7 3 60.0	48.7 19 42.2	10.3 4 25.0	2.6 1 33.3	7.7 3 75.0	20.5 8 22.2	0	0	0	0	39 30.5
White Collar	0	0	100.0 1 2.2	0	0	0	0	0	0	0	0	1 0.8
Mgt/Prof	0	0	34.8 8 17.8	4.3 1 6.3	0	0	56.5 13 36.1	4.3 1 50.0	0	0	0	23 18.0
Military	0	0	0	0	0	0	0	0	0	0	0	0
Deceased	0	0	0	0	50.0 1 33.3	0	50.0 1 2.8	0	0	0	0	2 1.6
Retired	0	0	40.0 2 4.4	20.0 1 6.3	0	0	20.0 1 2.8	0	0	20.0 1 50.0	0	5 3.9
Unemployed	0	50.0 1 20.0	0	0	0	0	0	0	0	0	50.0 1 100.0	2 1.6
Totals	13 10.2	5 3.9	45 35.2	16 12.5	3 2.3	4 3.1	36 28.1	2 1.6	1 0.8	2 1.6	1 0.8	128

Chi-square 166.43 with 104 df; p < .0001

APPENDICES 16-1 to 16-3

Graduates, all schools. Activity second, third, and fourth years following graduation by mothers' occupation

Appendix 16-1: Graduates, all schools, 1981, 1982, 1983. Activity second year after graduation from high school by mother's occupation (N and row and column percentages).

Mother's Occupation	Farming	Home making	Blue Collar	White Collar	Mgt/ Prof	Military	Four Yr Coll	Two Yr Coll	Vo Tech	Pro- prietor	Unempl	Totals % of 241
Farming	18.9 17 68.0	3.3 3 23.1	17.8 16 28.1	7.8 7 41.2	1.1 5 50.1	0	30.0 27 32.9	14.4 13 56.5	4.4 4 36.4	1.1 1 33.3	1.1 1 25.0	37.3 90
Homemaking	19.4 6 24.0	0	25.8 8 14.0	6.5 2 11.8	0	0	38.7 12 14.6	0	9.7 3 27.3	0	0	12.9 31
Blue Collar	3.7 2 8.0	13.0 7 53.8	40.7 22 38.6	3.7 2 11.8	1.9 1 50.0	3.7 2 50.0	22.2 12 14.6	7.4 4 17.4	1.9 1 9.1	1.9 1 33.3	0	22.4 54
White Collar	0	3.6 1 7.7	17.9 5 8.8	17.9 5 29.4	0	3.6 1 25.0	42.9 12 14.6	7.1 2 8.7	3.6 1 9.1	3.6 1 33.3	0	11.6 28
Mgt/Prof	0	3.4 1 7.7	13.8 4 7.0	3.4 1 5.9	0	3.4 1 25.0	55.2 16 19.5	6.9 2 8.7	3.4 1 9.1	0	10.3 3 75.0	12.0 29
Deceased	0	0	0	0	0	0	100.0 1 1.2	0	0	0	0	0.4 1
Retired	0	0	0	0	0	0	50.0 1 1.2	50.0 1 4.3	0	0	0	0.8 2
Unemployed	0	16.7 1 7.7	33.3 2 3.5	0	0	0	16.7 1 1.2	16.7 1 4.3	16.7 1 9.1	0	0	2.5 6
Totals	25 10.4	13 5.4	57 23.7	17 7.1	2 0.8	4 1.7	82 34.0	23 9.5	11 4.6	3 1.2	4 1.7	241

Chi-square 141.51 with 104 df; $p < .01$

Appendix 16-2: Graduates, all schools, 1981, 1982. Activity third year after graduation from high school by mother's occupation (N and row and column percentages).

Mother's Occupation	Farming	Home making	Blue Collar	White Collar	Mgt/ Prof	Military	Four Yr Coll	Two Yr Coll	Vo Tech	Pro- prietor	Unempl	Totals
Farming	17.0 8 44.4	4.3 2 20.0	21.3 10 22.2	8.5 4 33.3	6.4 3 75.0	0	34.0 16 26.7	6.4 3 50.0	2.1 1 33.3	0	0	% of 165 28.5 47
Homemaking	22.6 7 38.9	0	25.8 8 17.8	12.9 4 33.3	0	0	38.7 12 20.0	0	0	0	0	18.8 31
Blue Collar	4.7 2 11.1	16.3 7 70.0	41.9 18 40.0	4.7 2 16.7	2.3 1 25.0	2.3 1 50.0	20.9 9 15.0	4.7 2 33.3	2.3 1 33.3	0	0	26.1 43
White Collar	6.3 1 5.6	0	18.8 3 6.7	6.3 1 8.3	0	6.3 1 50.0	50.0 8 13.3	6.3 1 16.7	0	6.3 1 100.0	0	9.7 16
Mgt/Prof	0	0	17.4 4 8.9	4.3 1 8.3	0	0	56.5 13 21.7	0	4.3 1 33.3	0	17.4 4 100.0	13.9 23
Deceased	0	0	0	0	0	0	100.0 1 1.7	0	0	0	0	0.6 1
Retired	0	0	0	0	0	0	0	0	0	0	0	0
Unemployed	0	25.0 1 10.0	50.0 2 4.4	0	0	0	25.0 1 1.7	0	0	0	0	2.4 4
Totals	18 10.9	10 6.1	45 27.3	12 7.3	4 2.4	2 1.2	60 36.4	6 3.6	3 1.8	1 0.6	4 2.4	165

Chi-square 192.57 with 104 df; p 〈.0000

Appendix 16-3: Graduates, all schools, 1981. Activity fourth year after graduation from high school by mother's occupation (N and row and column percentages).

Mother's Occupation	Farming	Home making	Blue Collar	White Collar	Mgt/ Prof	Military	Four Yr Coll	Two Yr Coll	Vo Tech	Pro- prietor	Other Training	Unempl	Totals
Farming	15.0	5.0	30.0	25.0	5.0		15.0				5.0		% of 91
	3 25.0	1 25.0	6 21.4	5 45.5	1 50.0	0	3 12.5	0	0	0	1 100.0	0	20 22.0
Homemaking	30.0		30.0	15.0			25.0						22.0
	6 50.0	0	6 21.4	3 27.3	0	0	5 20.8	0	0	0	0	0	20
Blue Collar	7.7	7.7	42.3	7.7		7.7	19.2	3.8	3.8				28.6
	2 16.7	2 50.0	11 39.3	2 18.2	0	2 66.7	5 20.8	1 50.0	1 100.0	0	0	0	26
White Collar	12.5		12.5			12.5	37.5	12.5		12.5			8.8
	1 8.3	0	1 3.6	0	0	1 33.3	3 12.5	1 50.0	0	1 100.0	0	0	8
Mgt/Prof			30.8	7.7	7.7		46.2					7.7	14.3
	0	0	4 14.3	1 9.1	1 50.0	0	6 25.0	0	0	0	0	1 50.0	13
Deceased							100.0						1.1
	0	0	0	0	0	0	1 4.2	0	0	0	0	0	1
Retired													
	0	0	0	0	0	0	0	0	0	0	0	0	0
Unemployed		33.3					33.3					33.3	3.3
	0	1 25.0	0	0	0	0	1 4.2	0	0	0	0	1 50.0	3
Totals	12 13.2	4 4.4	28 30.8	11 12.1	2 2.2	3 3.3	24 26.4	2 2.2	1 1.1	1 1.1	1 1.1	2 2.2	91

Chi-square 157.08 with 104 df; p < .0000

APPENDICES 17-1 to 17-3

Graduates, all schools. Activity second, third, and fourth years past graduation from high school by distance of that activity from home by sex

Appendix 17-1 Graduates, all schools, 1981, 1982, 1983. Activity second year following graduation from high school by distance of that activity from home and by sex (N and row percentages for males and females; column percentages for males and females for activity totals).

		In Hometown		Up to 25 miles		26-50 miles		51-100 miles		101 or more		Total	%M	%F
Farming	M	21	87.5	3	12.5	0	--	0	--	0	--	24	12.6	
	F	5	83.3	1	16.7	0	--	0	--	0	--	6		3.1
Homemaking	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	11	52.4	7	33.3	0	--	0	--	3	14.3	21		10.9
Blue Collar	M	39	54.2	14	19.4	7	9.7	1	1.4	11	15.3	72	37.7	
	F	12	35.3	12	35.3	6	17.6	2	5.9	2	5.9	34		17.7
White Collar	M	0	--	0	--	0	--	0	--	1	100.0	1	0.5	
	F	4	17.4	9	39.1	3	13.0	3	13.0	4	17.4	23		11.9
Mgt./Prof.	M	1	100.0	0	--	0	--	0	--	0	--	1	0.5	
	F	1	100.0	0	--	0	--	0	--	0	--	1		0.5
Military	M	0	--	0	--	0	--	0	--	5	100.0	5	2.6	
	F	1	25.0	1	25.0	0	--	0	--	2	50.0	4		2.1
Deceased	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	0	--	0	--	0	--	0	--	0	--	0		--
4 Yr. Coll.	M	0	--	23	39.7	14	24.1	5	8.2	16	27.4	58	30.4	
	F	0	--	26	36.1	18	25.0	7	9.7	21	29.2	72		37.5
2 Yr. Coll.	M	0	--	4	28.6	6	42.9	1	7.1	3	21.4	14	7.3	
	F	0	--	1	5.6	11	61.1	4	22.2	2	11.1	18		9.4
Voc. Tech.	M	0	--	4	57.1	1	14.3	1	14.3	1	14.3	7	3.7	
	F	0	--	1	14.3	4	51.1	1	14.3	1	14.3	7		3.6
Proprietary	M	0	--	1	50.0	0	--	0	--	1	50.0	2	1.0	
	F	0	--	1	33.3	0	--	1	33.3	1	33.3	3		1.6
Other Trng.	M	0	--	0	--	0	--	0	--	1	100.0	1	0.5	
	F	0	--	0	--	0	--	0	--	0	--	0		--
Unemployed	M	5	83.3	1	16.7	0	--	0	--	0	--	6	3.1	
	F	1	33.3	1	33.3	0	--	0	--	1	33.3	3		1.6
	M	66	34.6	50	26.2	28	14.7	8	4.2	39	20.4	191		
	F	35	18.2	60	31.3	42	21.9	18	9.4	37	19.3	192		

Chi-square for males: 132.95 with 40 df; p .0000
Chi-square for females: 109.04 with 40 df; p. .0000

Appendix 17-2: Graduates, all schools, 1981, 1982. Activity third year following graduation from high school by distance of that activity away from home and by sex (N and row percentages for males and females; column percentages for males and females for activity totals).

		In Hometown		Up to 25 miles		26-50 miles		51-100 miles		101 or more		Total	%M	%F
Farming	M	17	89.5	2	10.5	0	--	0	--	0	--	19	14.7	
	F	3	75.0	1	25.0	0	--	0	--	0	--	4		3.1
Homemaking	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	8	50.0	6	37.5	0	--	1	6.3	1	6.3	16		12.5
Blue Collar	M	25	47.2	13	24.5	1	1.9	4	7.5	10	18.9	53	41.1	
	F	6	24.0	10	40.0	6	24.0	0	--	3	12.0	25		19.5
White Collar	M	0	--	0	--	1	100.0	0	--	0	--	1	0.8	
	F	1	5.0	8	40.0	5	25.0	4	20.0	2	10.0	20		15.6
Mgt./Prof.	M	1	100.0	0	--	0	--	0	--	0	--	1	0.8	
	F	0	--	1	33.3	0	--	0	--	2	66.7	3		2.3
Military	M	0	--	0	--	0	--	0	--	3	100.0	3	2.3	
	F	0	--	1	100.0	0	--	0	--	0	--	1		0.8
Deceased	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	0	--	0	--	0	--	0	--	0	--	0		--
4 Yr. Coll.	M	0	--	18	43.9	8	19.5	2	4.9	13	31.7	41	31.8	
	F	0	--	15	28.8	16	30.8	6	11.5	15	28.8	52		40.6
2 Yr. Coll.	M	0	--	1	33.3	1	33.3	0	--	1	33.3	3	2.3	
	F	0	--	0	--	2	66.7	0	--	1	33.3	3		2.3
Voc. Tech.	M	0	--	1	50.0	0	--	0	--	1	50.0	2	1.6	
	F	0	--	0	--	0	--	0	--	1	100.0	1		0.8
Proprietary	M	0	--	1	100.0	0	--	0	--	0	--	1	0.8	
	F	0	--	1	100.0	0	--	0	--	0	--	1		0.8
Other Trng.	M	0	--	0	--	0	--	0	--	1	100.0	1	0.8	
	F	0	--	0	--	0	--	0	--	0	--	0		--
Unemployed	M	4	100.0	0	--	0	--	0	--	0	--	4	3.1	
	F	0	--	2	100.0	0	--	0	--	0	--	2		1.6
	M	47	36.4	36	27.9	11	8.5	6	4.7	29	22.5	129		
	F	18	14.1	45	35.2	29	22.7	11	8.6	25	19.5	128		

Chi-square for males: 98.88 with 40 df; p .0000
Chi-square for females: 75.84 with 40 df; p = .0005

Appendix 17-3: Graduates, all schools, 1981. Activity fourth year following graduation from high school by distance of that activity away from home and by sex (N and row percentages for males and females; column percentages for males and females for activity totals).

		In Hometown		Up to 25 miles		26-50 miles		51-100 miles		101 or more		Total	%M	%F
Farming	M	10	90.9	1	9.1	0	--	0	--	0	--	11	17.2	
	F	2	66.7	1	33.3	0	--	0	--	0	--	3		4.1
Homemaking	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	4	50.0	3	37.5	0	--	1	12.5	0	--	8		11.0
Blue Collar	M	16	55.2	8	27.6	1	3.4	1	3.4	3	10.3	29	45.3	
	F	4	23.5	6	35.3	3	17.6	1	5.9	3	17.6	17		23.3
White Collar	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	0	--	4	26.7	6	40.0	3	20.0	2	13.3	15		20.5
Mgt./Prof.	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	0	--	1	33.3	1	33.3	0	--	1	33.3	3		4.1
Military	M	0	--	0	--	0	--	0	--	3	100.0	3	4.7	
	F	0	--	1	100.0	0	--	0	--	0	--	1		1.4
Deceased	M	0	--	0	--	0	--	0	--	0	--	0	--	
	F	0	--	0	--	0	--	0	--	0	--	0		--
4 Yr. Coll.	M	0	--	7	46.7	2	13.3	1	6.7	5	33.3	15	23.4	
	F	0	--	8	34.8	7	30.4	2	8.7	6	26.1	23		31.5
2 Yr. Coll.	M	0	--	1	100.0	0	--	0	--	0	--	1	1.6	
	F	0	--	0	--	1	100.0	0	--	0	--	1		1.4
Voc. Tech.	M	0	--	0	--	0	--	0	--	1	100.0	1	1.6	
	F	0	--	0	--	0	--	0	--	0	--	0		--
Proprietary	M	0	--	1	100.0	0	--	0	--	0	--	1	1.6	
	F	0	--	0	--	0	--	0	--	0	--	0		--
Other Trng.	M	0	--	0	--	0	--	0	--	1	100.0	1	1.6	
	F	0	--	0	--	0	--	0	--	1	100.0	1		1.4
Unemployed	M	2	100.0	0	--	0	--	0	--	0	--	2	3.1	
	F	0	--	1	100.0	0	--	0	--	0	--	1		1.4
	M	28	43.8	18	28.1	3	4.7	2	3.1	13	20.3	64		
	F	10	13.7	25	34.2	18	24.7	7	9.6	13	17.8	73		

Chi-square for males: 67.87 with 36 df; $p = .0010$

Chi-square for females: 43.36 with 36 df; p .05

APPENDICES 18-1 to 18-3

Graduates, all schools. Distance second, third, and fourth year activity away from home by sex and rank in class

Appendix 18-1: Graduates all schools, 1981, 1982 and 1983. Distance second year activity away from home by sex and rank in class (N and percentages; top percentage equals row; bottom percentage equals column).

	In Hometown		Up to 25 Miles		26-50 Miles		51-100 Miles		101 or More Miles		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
1st Quarter	14.2	12.6	46.4	31.7	10.7	30.4	10.7	10.1	17.9	15.2		
	4	10	13	25	3	24	3	8	5	12	28	79
	5.8	28.6	26.0	41.7	10.7	57.1	37.5	44.4	12.5	30.8	14.4	40.7
2nd Quarter	31.3	16.7	25.0	22.9	22.9	25.0		8.3	20.8	27.1		
	15	8	12	11	11	12	0	4	10	13	48	48
	21.7	22.9	24.0	18.3	39.3	28.6		22.2	25.0	33.0	24.6	24.7
3rd Quarter	31.5	21.4	20.4	40.5	18.5	11.9	5.6	7.1	24.1	14.8		
	17	9	11	17	10	5	3	3	13	8	54	42
	24.6	25.7	22.0	28.3	35.7	11.9	37.5	16.7	32.5	20.5	27.7	21.6
4th Quarter	50.8	32.0	21.5	28.0	6.1	4.0	3.1	12.0	18.5	24.0		
	33	8	14	7	4	1	2	3	12	6	65	25
	47.8	22.9	28.0	11.7	14.3	2.4	25.0	16.7	30.0	15.4	33.3	12.9
Totals	35.4	18.0	25.6	30.9	14.4	21.7	4.1	9.3	20.5	20.1		
	69	35	50	60	28	42	8	18	40	39	195	194

Chi-square for males 26.44 with 12 df; $p < .01$

Chi-square for females 17.91 with 12 df; $p > .05$

Appendix 18-2: Graduates, all schools, 1981 and 1982. Distance third year activity away from home by sex and rank in class (N and percentages; top percentage equals row; bottom percentage equals column).

	In Hometown		Up to 25 Miles		26-50 Miles		51-100 Miles		101 or More Miles		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
1st Quarter	5.3	9.1	52.6	36.4	10.5	29.1	5.3	9.1	26.3	16.4		
	1	5	10	20	2	16	1	5	5	9	19	55
	2.0	27.8	27.8	44.4	18.2	55.2	16.7	45.5	17.2	34.6	14.5	42.6
2nd Quarter	36.7	12.1	30.0	21.2	10.0	27.3	3.3	9.1	20.0	30.3		
	11	4	9	7	3	9	1	3	6	10	30	33
	22.4	22.2	25.0	15.6	27.3	31.0	16.7	27.3	20.7	38.5	22.9	25.6
3rd Quarter	34.2	14.3	18.4	53.6	10.5	14.3	10.5	3.6	26.3	14.3		
	13	4	7	15	4	4	4	1	10	4	38	28
	26.5	22.2	19.4	33.3	36.4	13.8	66.7	9.1	34.5	15.4	29.0	21.7
4th Quarter	54.6	38.6	22.7	23.1	4.5			15.4	18.2	23.1		
	24	5	10	3	2	0	0	2	8	3	44	13
	49.0	27.8	27.8	6.7	18.2	0	0	18.2	27.6	11.5	33.6	10.1
Totals	37.4	14.0	27.5	34.9	8.4	22.5	4.6	8.5	22.1	20.2		
	49	18	36	45	11	29	6	11	29	26	131	129

Chi-square for males 21.82 with 12 df; $p < .05$

Chi-square for females 21.07 with 12 df; $p < .05$

Appendix 18-3: Graduates, all schools, 1981. Distance fourth year activity away from home by sex and rank in class (N and percentages; top percentage equals row; bottom percentage equals column).

	In Hometown		Up to 25 Miles		26-50 Miles		51-100 Miles		101 or More Miles		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
1st Quarter	11.1 1 3.6	6.9 2 20.0	66.7 6 33.3	34.5 10 40.0	11.1 1 25.0	41.4 12 66.7	0	3.5 1 14.3	11.1 1 7.7	13.8 4 28.6	9 13.8	29 39.2
2nd Quarter	43.8 7 25.0	9.5 2 20.0	25.0 4 22.2	19.1 4 16.0	6.3 1 25.0	19.1 4 22.2	0	19.1 4 57.1	25.0 4 30.8	33.3 7 50.0	16 24.6	21 28.4
3rd Quarter	50.0 9 32.1	23.5 4 40.0	11.1 2 11.1	47.1 8 32.0	0	11.8 2 11.1	11.1 2 100.0	5.9 1 14.3	27.8 5 38.5	11.8 2 14.3	18 27.7	17 23.0
4th Quarter	50.0 11 39.3	28.6 2 20.0	27.3 6 33.3	42.9 3 12.0	9.1 2 50.0	0	0	14.3 1 14.3	13.6 3 23.1	14.3 1 7.1	22 33.8	7 9.5
Totals	43.1 28	13.5 10	27.7 18	33.8 25	6.2 4	24.3 18	3.1 2	9.5 7	20.0 13	18.9 14	65	74

Chi-square for males 17.89 with 12 df; $p > .05$
Chi-square for females 19.35 with 12 df; $p > .05$